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The
HEMIST AND DRUGGIST
RETAILER - WHOLESALER - MANUFACTURER

d 1859 28 Essex Street, Strand, London, W.C.2 Registered as a Newspaper

424 LIV SEPTEMBER 22, 1945 Annual Subscription (with Diary) 25/-. Single copies 9d.

ANÆSTHETIC ETHER (KEITH'S)

SPECIALLY PURIFIED
ANÆSTHETIC CHLOROFORM

ALKALOIDS OF OPIUM
& THEIR DERIVATIVES

ALKALOIDS OF NUX VOMICA

MEDICINAL RESINS

J. F. MACFARLAN & Co.

09, Abbeyhill, Edinburgh. 8, Elstree Way, Boreham Wood, Herts.

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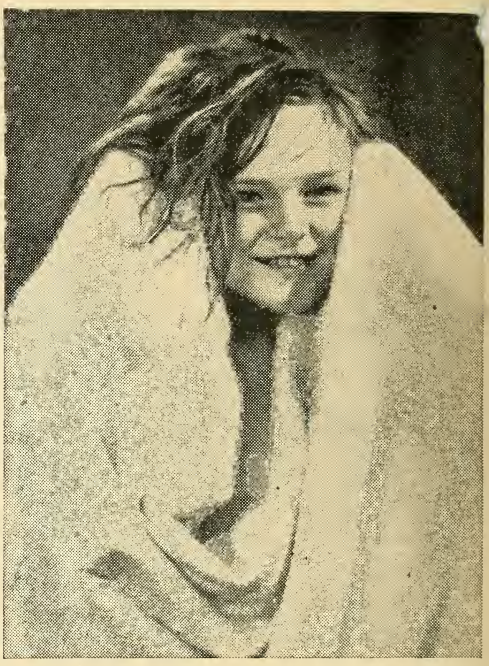
Wright's is the 'rule' for the Toilet and Nursery *because . . .*



Wright's Coal Tar Soap contains the active principle Liquor Carbonis Detergens. This unique phenolic extract is compounded from the antiseptic and anti-pruritic substances known to be in Coal Tar. In the 80 years since its introduction, Wright's Liquor Carbonis Detergens has been accepted by foremost dermatologists as a valuable medicament in the treatment of skin diseases. Improved methods of manufacture, helped by research, today make Liquor Carbonis Detergens a better product both in appearance and antiseptic value.

This preparation establishes Wright's as the safe soap for everyday Toilet and Nursery use, soothing to the tenderest skin.

WRIGHT'S COAL TAR SOAP
PRO INTEGRITATE CUTIS

WRIGHT, LAYMAN & UMNEY LTD • SOUTHWARK • LONDON • S.E.1 • HOP 2315

It did not happen THIS TIME

1914-18

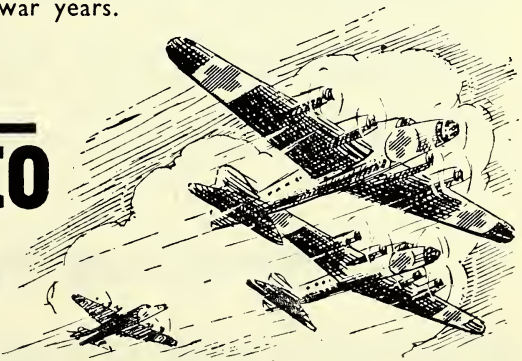
In 1916 the market price for the little Phenacetin available (foreign made of course) rose to 110/- per lb

hese intervening years a strong British fine chemical industry eloped, determined that it must not happen again. Thus 1933, Monsanto started making British Phenacetin, safe-rding home requirements with a product of assured quality.

1919
1939

39-45

Monsanto PHENACETIN customers have been able to rely on regular supplies at stable prices throughout the war. It was their support in pre-war days which helped to ensure British Phenacetin output in the war years.



Monsanto

MONSANTO CHEMICALS LIMITED
VICTORIA STATION HOUSE
VICTORIA ST., LONDON, S.W.1

M 1805

A

Take the short cut!

This may well be Britain's hardest winter, from the food point of view. Nevertheless, no one need go short of fats and vitamins, because there is now plenty of home-produced SevenSeaS.

But supplies must be where the public can get them — in the shops. Last winter many dealers had to refuse custom because supplies had not reached them, though there was no shortage of the oil itself. Transport and manpower difficulties were to blame, and these are not likely to be greatly eased in the near future.

Take the short cut — via our Direct Delivery Service. That way, you get supplies with the minimum of delay. Orders are sent direct from our Hull refinery to you, and charged through your usual wholesaler.

SevenSeaS advertising has commenced

This widespread press advertising campaign will continue throughout the winter months. These advertisements will remind the public that SevenSeaS — a far richer natural source of fats and vitamins than butter or new laid eggs — is the only unrationed priority food they will be able to buy this winter.

This advertising, plus the public's undoubted awareness of the great nutritive value of cod liver oil, is likely to start a very early demand for SevenSeaS. We urge you to order in good time. Please write direct to us for order forms.

STANDARD OIL: Vitamin A 20,000 *I.U.; Vitamin D* 2,500 *I.U. per ounce.*
CONCENTRATED: Vitamin A 60,000 *I.U.; Vitamin D* 6,000 *I.U. per ounce.*

Issued by

BRITISH COD LIVER OIL PRODUCERS (HULL) LTD.
ST. ANDREW'S DOCK, HULL

Makers of

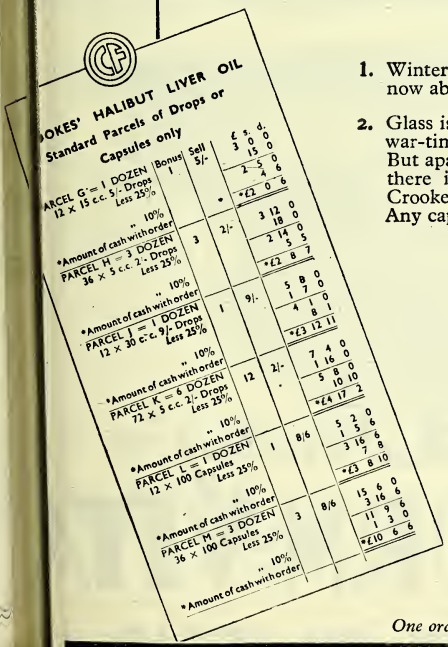
SevenSeaS

Crookes' Halibut Oil

Two Points

1. Winter is coming. Help us, and yourself, by ordering now above your immediate requirements.

2. Glass is still in short supply; we still have to use some war-time cartons for capsules.
But apart from the 100-capsule packing, vial or carton, there is, at the moment, no other retail packing for Crookes' Halibut Oil capsules—and no cheaper rate. Any capsules so offered are spurious.



OKES' HALIBUT LIVER OIL
Standard Parcels of Drops or Capsules only

	Bonus	Sell	£ s. d.
PARCEL G = 1 DOZEN 12 × 15 c.c. 5/- Drops Less 25%	1	5/-	3 0 0
" 10%			15 0
*Amount of cash with order			2 5 0
			4 6
		*	*£1 0 6
PARCEL H = 3 DOZEN 36 × 5 c.c. 2/- Drops Less 25%	3	2/-	3 12 0
" 10%			18 0
*Amount of cash with order			2 14 0
			5 5
			*£1 8 7
PARCEL J = 1 DOZEN 12 × 30 c.c. 9/- Drops Less 25%	1	9/-	5 9 0
" 10%			1 7 0
*Amount of cash with order			4 1 0
			8 1
			*£3 12 11
PARCEL K = 6 DOZEN 72 × 5 c.c. 2/- Drops Less 25%	12	2/-	7 4 0
" 10%			1 16 0
*Amount of cash with order			5 8 0
			10 10
			*£4 17 2
PARCEL L = 1 DOZEN 12 × 100 Capsules Less 25%	1	8/6	5 2 0
" 10%			1 5 6
*Amount of cash with order			3 15 6
			7 8
			*£3 8 10
PARCEL M = 3 DOZEN 36 × 100 Capsules Less 25%	3	8/6	15 6 0
" 10%			3 16 6
*Amount of cash with order			11 9 6
			1 3 0
			*£10 6 6

TERMS OF SUPPLY.

1. Bonus in kind will be allowed only when one or more standard parcels G, H, J, K, L, M are ordered.
2. The order must be accompanied by cash No pro-forma invoices can be issued.
3. Orders for broken parcels or unaccompanied by cash will not be entitled to bonus in kind.
4. Bonus in kind cannot be allowed on any other Halibut Oil Products.
5. We must reserve the right to restrict the number of parcels supplied to any one establishment and thereby, as far as possible, ensure fair distribution.

One order in preference to a series of smaller ones, please!

THE CROOKES LABORATORIES *(British Colloids Ltd.)* **PARK ROYAL, LONDON, N.W.10**

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KERFOOTS
Proflavine
LOZENGES
enable the affected tissues to be bathed in a naturally buffered antiseptic solution.
Each contains
Proflavine Sulphate 3 mg.
In bottles of 36 and 500
1/8 and 20/- including Tax
Usual Terms

KERFOOTS
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LOZENGES
are of special value in throat affections due to local streptococcal infection.
Each contains
Sulphanilamide gr. 1 (S_4)
In bottles of 50 and 500
1/8 and 13/3
Usual Terms

KERFOOT

Thomas Kerfoot & Co. Ltd., Vale of Bardsley, Lancashire

KG17a

PROMOTES DEEP
REFRESHING
SLEEP

Cadbury's
BOURN-VITA
NEEDS NO SUGAR

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15/9 per dozen less 10% and 2½% (6 dozen lots)

Recommend it for all household purposes

Why you should order SEROCALCIN now!

TENS of thousands are starting their prophylactic course. From now on we are inundated with orders, most marked very urgent. In spite of adequate stocks it is impossible to cope with this seasonal rush without some delay which may cost business—unless orders are placed well in advance of requirements. Help us to help you by ordering SEROCALCIN Now!

SEROCALCIN

FOR THE PREVENTION & TREATMENT OF COLDS

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But there are one or two lines which we can supply in reasonable quantities including

URILLAC TABLETS **Gee's Lobelline**

W. B. CARTWRIGHT, LTD., RAWDON, LEE

"I know it is difficult"

Your customers continually ask for **SILATEX** and **SANTRON** and yet you cannot obtain sufficient supplies to meet the demand. We are doing our best to arrange distribution to wholesalers so that all Chemists obtain their fair share. The demand is ever increasing but the shortage of raw material is a matter we know you will understand.
There is no shortage of **RENDELLS** or **MENSINOLE** and all Wholesalers now have ample stocks, so continue to display Rendells Products for Feminine Hygiene. It creates new customers and gives confidence to regular users.
Special Chemists' Display Material is still available, so write to-day for a supply.

RENDELLS
SILATEX
SANTRON
MENSINOLE

RENDELLS PRODUCTS

P.A.T.A.

For Feminine Hygiene

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For Generations . . .

MAKERS OF EXCEPTIONALLY FINE MEDICINAL AND PHARMACEUTICAL PRODUCTS

ARTHUR H. COX & CO. LIMITED

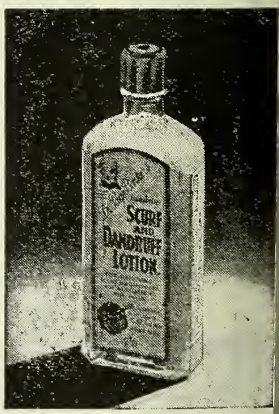
EST. 1839 **BRIGHTON**

Stops SCURF

Dr. Pagr-Barker's

Scurf & Dandruff Lotion

If you find any difficulty in obtaining supplies send us the name of your usual Wholesaler and we will do our best to assist you.



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Plus Tax **ONE SIXTH**
Retail 2/9

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✳ ✳ *Now in ample supply*

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The VITAMIN MALT FOOD

With Vitamins (A. 6,500 I.U., D. 400 I.U. per fl. oz.)

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DRURY'S
INFANTS' PRESERVATIVE
The safest and most reliable remedy for Griping Pains, Wind, Restlessness and other distressing complaints.

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WHOLESALE AND MANUFACTURING CHEMISTS
BRIDGE STREET
NEWARK · ON · TRENT

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THE ORIGINAL
WIDOW WELCH'S FEMALE PILLS
● 9d. BOX PROFIT by ordering 1 dozen 2/10 size. Bonus box given on every dozen (13). It pays to push this size.
C&G.KEARSLEY LTD.
71 · DARTMOUTH RD · LONDON · SE·23

Makers of COMPRESSED TABLETS
for the Manufacturing and Wholesale Trade only
The DALES ASPIRIN COMPANY (PROPRIETOR H. A. TOLKIEN)
SILSDEN, Nr. KEIGHLEY, Yorks.
Output of Saccharin and Aspirin Tablets sold for some months ahead

Mistol

and

Mistol with Ephedrine

½ oz.

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two ounce sizes

now available with

DROPPERS

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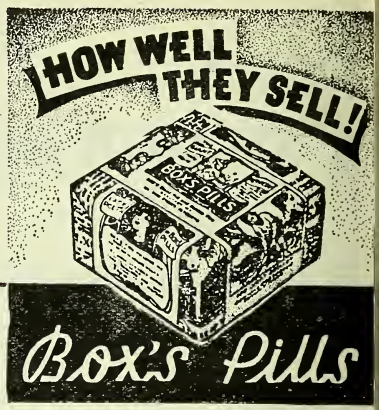

Your friend for more than 50 years BOX'S PILLS carry on the good work of helping the public's digestion through difficult times.

P.A.T.A. retail prices (including P. Tax) 1/3, 3/-, 4/10½, 12/-, 21/9.

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161 KING STREET, PLYMOUTH

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is ready for YOU...

Please send 1d. stamp early for this valuable Buyers' Guide.

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27 Oxford Street, Harrogate, Yorks

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SELLS WELL

BECAUSE IT IS A GOOD FORMUL WELL ADVERTISED

For 30 years the People's remedy for **HEADACHE COLD·CHILLS INFLUENZA**

Powders 2° each 1/3 per pkt. Tablets 3½ & 1/

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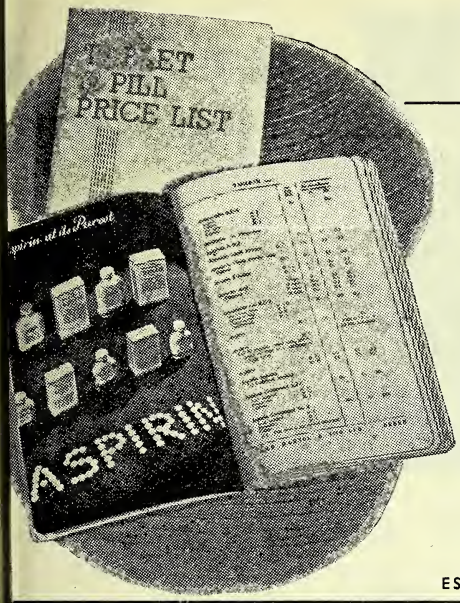

JUST OFF THE PRESS

We take pleasure in announcing the issue of our latest Price List of Pills and Tablets including as it does almost all formulas in demand for both counter sale and dispensing purposes.

(Copies available—Price 1d.)
(Control of Paper Order)

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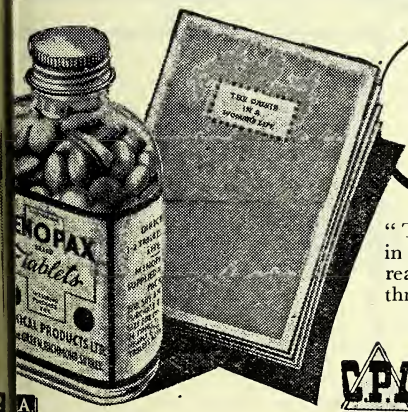

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"THE CRISIS IN A WOMAN'S LIFE," now in its 14th edition, is a book which has immense reader interest to all women of 40–50, for it throws new light upon a subject of which the lay mind has little or no knowledge—the symptoms of the menopause.

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NODAN—Prepared from new and highly scientific formu obtains results very rapidly. Erad cates scalp disorders, stops scu irritation. Non-toxic, non-greas does not stain. Sells at 3/10½d. p bottle, including tax.

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Full particulars on application from

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We are pleased to be able to announce to our wholesale and retail chemist friends who have recently experienced any delay in the execution of their orders for Cystex and Mendaco that

AMPLE SUPPLIES ARE NOW AVAILABLE

and that all orders will now be executed promptly in full.

Cystex

THE KIDNEY TONIC

for KIDNEYS, BACKACHE, RHEUMATISM

Mendaco

for ASTHMA BRONCHITIS, HAY FEVER

Order now and so be prepared for the coming busy season for these lines which are sold under the well-known Knox Guarantee —"Money refunded if customer is dissatisfied."

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The PAIN KILLER

Strenuous war work tends to increase the incidence of Rheumatism, Lumbago and similar ailments.

Rheumagic has proved its ability to give relief from pain and enables many sufferers who would otherwise be confined to the house to continue at their work.

Rheumagic makes no claim to cure Rheumatism and allied ailments. Its purpose is to relieve suffering, and by doing so speedily and effectively it makes a definite contribution to the National effort. Moreover, Rheumagic gives a guarantee of full satisfaction or money back.

Rheumagic

Brand

FORMULA OILS

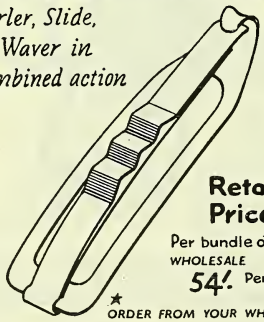
Retail Prices 1/5 and 3/4½ per bottle (inc. Pur. Tax)

INTERNATIONAL LABORATORIES, CHARLBURY, OXFORD

KURLEX BRAND

KING CURLER

Curler, Slide, & Waver in combined action



Retail Price 1/-

Per bundle of three

WHOLESALE 54/- Per Gross

★ ORDER FROM YOUR WHOLESALER

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Keenes Laboratories Limited will be glad if chemists who were selling Perox Chlor before the war and who now have a difficulty in getting reasonable supplies will write direct to their office at 46 Elswick Rd., Newcastle-on-Tyne 4

DR. NIBLETT'S

VITAL RENEWER

NERVE SEDATIVE

TRADE TERMS—33⅓% to Chemists or through your Wholesaler.

Retail Price 5/- per bottle, including tax

Prepared by C. P. NIBLETT Est. 1870

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A Development in Salicylate Therapy

'ALASIL' presents the beneficial therapeutic effects of acetylsalicylic acid in such a form that it is readily acceptable even to those with finely-balanced digestive systems. This high tolerability is due to the fact that 'Alasil' combines acetylsalicylic acid with Dibasic Calcium Phosphate and 'Alocol' (Colloidal Hydroxide of Aluminium), a potent gastric sedative and antacid.

For this reason 'Alasil' can be administered by the physician with confidence in all the conditions in which such an agent is indicated, while its use affords the advantage of greater freedom from the possibility of unpleasant gastro-intestinal sequelae.

'Alasil' is therefore an analgesic, antipyretic and antirheumatic, which the physician can prescribe for patients of all ages. Moreover, it is so well tolerated that its use can be continued to the desired extent.

Alasil

TABLETS

Aspirin with a difference

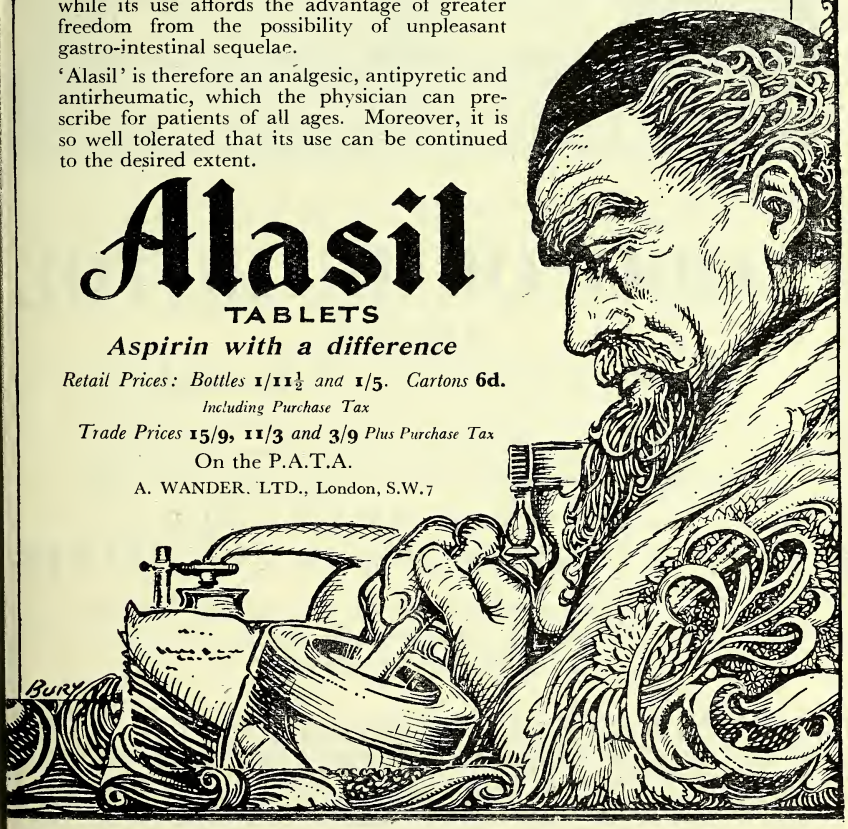
Retail Prices: Bottles **1/11½** *and* **1/5**. *Cartons* **6d.**

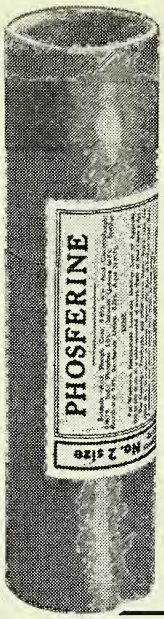
Including Purchase Tax

Trade Prices **15/9, 11/3** *and* **3/9** *Plus Purchase Tax*

On the P.A.T.A.

A. WANDER, LTD., London, S.W.7





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TABLETS and LIQUID

● PHOSFERINE is a popular Tonic Medicine which has won world-wide reputation—its popularity being largely due to personal recommendation by those who have benefited by its use.

Phosferine Advertising which makes no extravagant claims consistently keeps our product before the notice of the Public.

Make sure your stocks are equal to the demand

PHOSFERINE (Liquid and Tablets) available in 2 sizes

No. 1 retails at 1/4 including Purchase Tax
No. 2 „ „ 3/3 „ „ „

PHOSFERINE (Ashton & Parsons) Ltd., Phosferine Laboratories, King George's Avenue, Watford, Herts.

CODOFORME BOTOL

TABLETS

(Indicated in all types of dry cough)

Owing to circumstances beyond our control, we regret that CODOFORME BOTOL has been in short supply, but we are now pleased to advise you that this preparation

IS AGAIN AVAILABLE
IN PACKINGS OF 20 AND 250 TABLETS

If any difficulty is experienced in obtaining supplies through the normal trade channels, you are invited to communicate with us.

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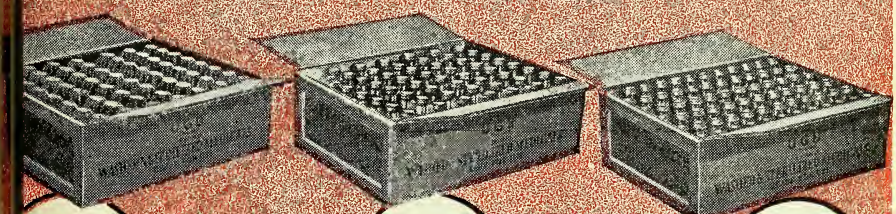

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promptly, it will be impossible for further supplies to be guaranteed

old them flat and tie together with string. Pa wrapping unnecessary.) Send parcel post. Tu in flaps where necessary, to keep size within os regulations. Pack smaller containers inside arg ones. (Four to seven average size containers pp imate size allowed.)

e addressed labels received with invoices. nt cost of postage on Postal Receipt portion of abe which must be date-stamped by Post Office). Det this Receipt portion and keep it.

stage will be refunded only by our repre- ent ve when he calls, on surrender of Receipt. Thi Receipt cannot be accepted for direct credit, und ust not be deducted from account.

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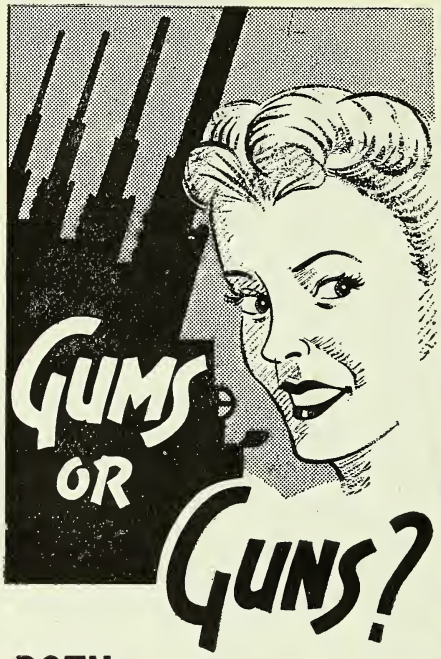

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Bren and Tommy guns need brushes. Oerlikon guns need brushes and ejectors. Armourers' lathes need brushes. They have all had to be made in vast quantities—and we were one of the firms called in to help, making altogether over fifty different types of war materials. **BUT now we turn hopefully and confidently to the future.** Our labour staff is still sadly depleted—and likely to be for a while. In this respect we are all in the same boat. But things *will* improve in time; the labour situation *will* grow easier in due course; and supplies of SPA Toothbrushes for civilian use *will* increase.

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Meanwhile, you can rest assured that we shall continue to do our best to ensure equitable distribution of such limited supplies of SPA Toothbrushes as are available.

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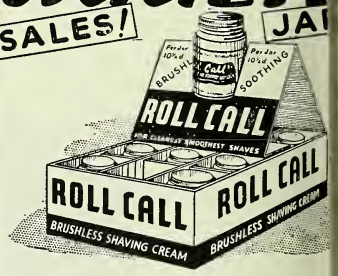

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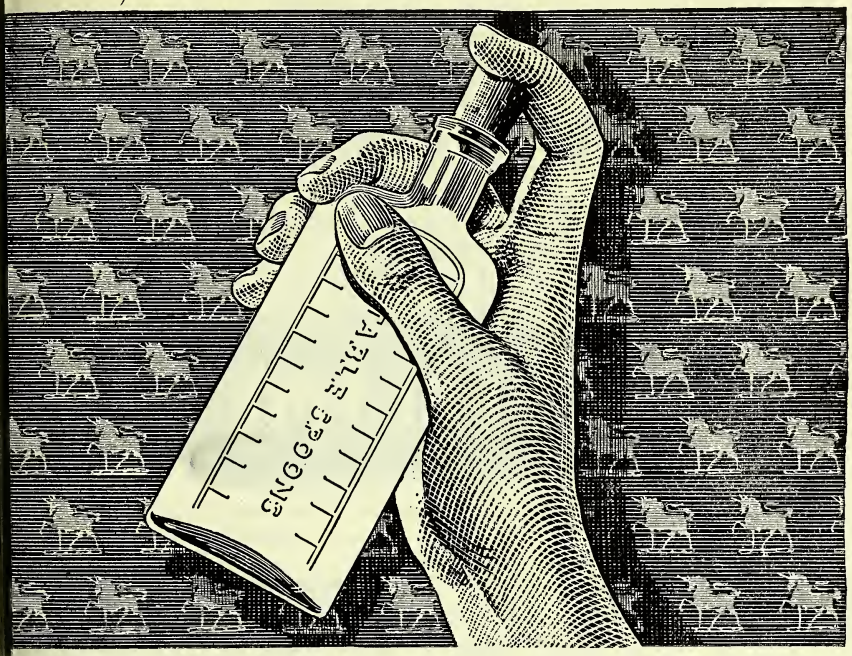

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each containing 1 mg., produce a prolonged anaesthesia of the mucous membranes of the mouth and throat, alleviate the discomfort of sore throat and allay post-tonsillectomy distress. (*Boxes of* 15 *and bottles of* 100)

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a 1 per cent ointment producing prolonged analgesia in chaps, herpes zoster, burns, sunburn, anal fissure, haemorrhoids, pruritus. (*Tubes of* 1 *oz.*)

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for anaesthesia of the mucous membranes of the ear, mouth, throat and nose. May be employed topically in proctology. (*Bottles of* 30 *c.cm.*)

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an efficient anaesthetic lubricant containing 10%, for use with tracheal tubes only, facilitates introduction and renders their presence more tolerable. (*Containers of* 1 *oz.*)

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For RETAILER — WHOLESALER — MANUFACTURER

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NEWS OF THE WEEK

Code Telegrams to India.—The Post Office nd Cable & Wireless, Ltd., announce hat restrictions on the use of codes, phers, and languages in telegrams to India nd Ceylon are now removed. Registered bbreviated addresses may also be used in legrams exchanged with those countries.

Telephone Calls to Australia and New ealand.—The telephone service with Australia and New Zealand is now available for ll classes of calls. Hours of service vary ccording to seasons of the year, but are t present from about 6 a.m. to 10 a.m. ritish Summer Time on weekdays only. he charge for a minimum call of three inutes is £3.

Information Wanted on Serving Pharmaists.—The Central Pharmaceutical War ommittee and Scottish Central Pharmaeutical War Committee wish to obtain p-to-date information on all pharmacists ow serving in the Forces or undertaking ther forms of national service. All such en and women are asked to send the llowing information to 17 Bloomsbury Square, London, W.C.1, as early as possible: Name, number, rank, unit and group in Class A of the reallocation of man-power arrangement.

Continental Telephone Services.—Telephone services with France, Belgium and Switzerland reopened for commercial calls on September 17. Minimum charges for calls of three minutes' duration from all places in England and Wales are: France (zone I), 6s.; (zone II), 9s.; Belgium, 7s.; Switzerland, 10s. An additional charge of 2s. 6d. per three minutes is payable on calls from all places in Scotland, Northern Ireland and the Isle of Man. There are no language restrictions on the services with Belgium and France, but, for the present, all calls to Switzerland must be conducted in either English or French.

Trade with Greece.—Obstacles in the way of trading with Greece, which arose out of the Trading with the Enemy legislation, have been removed. Banking channels between the two countries are restored, subject to the operation of the Defence

(Finance) Regulations, about which persons intending to have transactions with Greece should consult their bankers. Attention is drawn to the necessity for compliance with other regulations, e.g. the Defence (Finance) Regulations, export and import licensing and the parallel regulations of the Greek Government. The actual undertaking of commercial transactions depends on the availability of the necessary physical facilities, e.g. supply of goods, transport, etc.

Retail Trade Figures.—The retail trade returns for February–July, 1945, show a rise for every area and in every category of goods over the figures for the corresponding period in 1944. The increase for total sales was 6·5 per cent.

Advertisements for Medical Appointments.—In compliance with a policy adopted by the British Medical Association, the "British Medical Journal" and the "Lancet" are refusing to publish advertisements for permanent medical appointments which do not give at least four months' notice, so as to allow applications from possible candidates in the Far East.

Publicity for the Drug Trade.—In the September 15 issue of "Advertisers' Weekly," the Editor of THE CHEMIST AND DRUGGIST has contributed a two-page article reviewing the wholesale and retail drug trade under war conditions and the prospects of the trade for the future. The article also comments on the pharmacist's position under the proposed National Health Service.

D.D.T. Warning.—In a letter to "The Times" the Keeper of the Department of Entomology, British Museum (Natural History), gives a warning against the uncontrolled use on the farm or in the garden of D.D.T. insecticides. It should be made clear, he points out, that in destroying pests D.D.T. also wipes out parasites, predators and pollinators with unpredictable consequences in crops of all kinds.

Soft Drinks Industry Reorganisation.—Proposals for the setting up of a National Association of Soft Drinks Manufacturers and the ultimate winding-up of the National Union of Mineral Water Associations were put before a meeting of the Board of the National Union recently. It is proposed that the new association shall be a non-incorporated society in which membership shall be open to all *bona-fide* manufacturers of soft drinks (not merely aerated waters), in England and Wales, with subscriptions based on output.

Traders Allege Welfare Undercutting.—Objections were voiced at a recent meetin of the Oldham maternity and child-welfar subcommittee of the Health Committee t welfare centres' supplying baby foods. Th local Chamber of Trade sent a letter pr testing against an extension of municip trading and pointing out that food wa being sold for infants at a price which di not give private traders a chance of com peting.

Glasgow Restriction on Neon Signs.—A subcommittee of the Highways and Plan ning Committee of the Glasgow Corporatio recently refused to renew licences for som prominent pre-war neon signs which ha become landmarks in the city. The Corpora tion objected to the signs on grounds tha they stood out against the skyline, or wer placed on parapets of bridges over mai roads and thus constituted a dangerou distraction to drivers.

T.U.C. Research Committee.—At it annual conference at Blackpool recently th Trades Union Congress decided to re-estab lish its Scientific Advisory Committee which was abandoned during the period o the war. Re-establishment of the committe was moved by Professor P. M. S. Blackett who said that a technical industrial revolu tion arising from the development of atomi energy would not come about so quickly a to render research on more normal method unnecessary.

Food Statisticians' Conference. — Th Emergency Economic Committee for Eur ope, in conjunction with U.N.R.R.A. held a conference of food specialists i London recently, on methods and tech niques of assembling and analysing data i connexion with food production and con sumption. The conference was opened b Sir Ben Smith (Minister of Food) and wa under the chairmanship of Mr. H. Broadle (chairman of the food and agricultura subcommittee of the Emergency Economi Committee for Europe).

Pharmaceutical Society of Northern Ireland.—The appointment is announced o Lieutenant William Gorman, R.N.V.R., a deputy to the secretary of the Pharma ceutical Society of Northern Ireland (Mr D. L. Kirkpatrick). A native of Carrick fergus, co. Antrim, Lieutenant Gorman, wh was educated at the Royal Belfast Academi cal Institution, served his apprenticeshi with Mr. W. J. Farmer, M.P.S.N.I. Whiteabbey, co. Antrim, and was later o the staff of Grattan & Co., Ltd., Cor

arket, Belfast. Joining the Fleet Air Arm September 1941, he was stationed in the editerranean theatre for a period, and terwards served on escort carriers. He s been mentioned in dispatches.

Medical Students on N.H.S.—The British edical Students' Association has issued a atement urging the provision of health ntres without delay, first of all in places here there is a shortage of doctors. It urges at no compulsion should be applied to her doctor or patient to enter the service, d suggests that private practice should be owed to continue, and with it the buying d selling of practices, although "there can no question of buying and selling pracs in health centres." A salary-plus-pitation-fee method of paying doctors in alth centres is recommended.

Exports to Turkey.—By agreement beeen London and Washington, the Britishnerican Co-ordinating Committee in kara will cease to operate in its present m on September 8. The Committee, set in 1941, has been responsible for making commendations to H.M. Government and United States Government as to the antities of essential civil supplies required maintain the Turkish economy. In this y it played a most valuable part in isting Turkey to resist German penetran. The end of the Japanese war and anges in the supply and shipping position ve now rendered the detailed work of the mmittee unnecessary, and in future con-l will be exercised direct from London d Washington.

Decorative Lighting Warning.—The Minry of Fuel and Power has issued a reminder the restrictions on outdoor display and corative lighting announced on May 26. ring the recent Victory celebrations no jection was raised to the floodlighting of emises, or to various other forms of outor illumination. The concession ceased August 17. Types of lighting affected lude: Floodlighting of buildings, strucres and gardens; illumination of hoardgs or facias of shops; other lighting of or the exterior of buildings when not sonably necessary for public safety; rchlights or beacons other than those erated for military purposes by the armed ces of the Crown or for the benefit of pping or aircraft. The public is reminded at waste of fuel and the consumption of l for advertisement purposes (including display of goods in the course of any siness) are specifically prohibited under Control of Fuel (No. 3) Order, 1942.

Coal Tar Products Prices.—The Minister of Fuel and Power has made an Order (S. R. & O., 1945, No. 1010) permitting increased prices for sale or supply by persons other than distillers to buyers of (*a*) any crude coal-tar acids or distilled crude coal-tar acids for purposes other than the production in the United Kingdom of phenol or any coal-tar acids mentioned in the eleventh schedule to the Order, and (*b*) any coal-tar acids mentioned in the eleventh schedule to the Order. The specified price may be increased by an amount not exceeding 3 per cent. The explanatory note to the Order states: "Part V of the Coal Tar Products Prices Order, 1943, which controls the price at which coal tar acids may be sold or supplied, applies to the sale or supply of such acids for delivery in the United States of America. By reason of this Order Part V has not applied to such sales or supplies as from September 4, 1945."

Hot-water Bottle Supplies.—Through an increase in production, and a reduction of hospital demand, rubber hot-water bottles will shortly be on sale again to the public. A warning by the Board of Trade points out that four years of accumulated demand by the public cannot be expected to be met immediately. If a sick person or expectant mother needs a rubber hot-water bottle, the shopkeeper will, on presentation of a medical certificate, immediately obtain one from his usual supplier. Over-riding maximum retail prices for all types of rubber bottles have been fixed by the Board of Trade after consultation with the Central Price Regulation Committee. For moulded bottles (the commoner type) the ceiling prices are 7s. 2d. or 8s. 3d. (including purchase tax), according to size, and for hand-made bottles (which will be marked "hand-made") the ceiling price will be 12s. 11d., including tax. An agreement has been reached between the manufacturers and the Central Price Regulation Committee by which a substantial proportion of available supplies should be on sale to the public at prices below these ceilings. Subject to the ceiling prices not being exceeded, wholesalers are allowed a gross profit of 17·65 per cent. on cost (equivalent to 15 per cent. on returns) and retailers 42·86 per cent. on cost, excluding tax (equivalent to 30 per cent. on returns, excluding tax). The new Order, the Rubber Hot-water Bottle (Maximum Prices) Order, 1945 (S.R. and O., 1945, No. 1157), comes into operation on September 24.

LEGAL REPORTS

Pharmacy Act Offence.—Before the Shaftesbury, Dorset, justices on September 11, Thomas Lionel Hull, 35 High Street, was ordered to pay costs totalling £2 18s. on a series of charges connected with the sale of nicotine shreds in his shop. The charges included unlawful storage, unlawful delivery to a customer (by failure to enter particulars of the sale), failure to include name and address on the package, and selling to a person not in possession of a certificate.

Home-made "Liquid Stockings."—At North London magistrates' court, on September 12, Bhagat Ram, an Indian subject, 7 Brownswood Road, London, N.4, was fined £50, with £10 costs, or an alternative of two months' imprisonment, for having in his possession a quantity of methylated spirit although not an authorised methylator. Board of Trade officials were stated to have found at Ram's address methylated spirit and perfume in the process of being filtered. Ram said "I make perfume here and sell it at Blackburn." On this information a visit was paid to an address at Blackburn, where a quantity of perfume bottles was found. The total amount of industrial methylated spirit found in defendant's possession was 4½ gall., which was stated to have been obtained from "the Indian quarter" in the East End of London. Ram pleaded guilty, but said he was only making experiments to obtain information to take back to India.

Sale by Itinerant Vendor.—Stating that unless the defendant had given an undertaking that he would discontinue selling medicine from places other than a shop a heavy penalty would have been imposed, the chairman of the magistrates at Bradford recently imposed a fine of £5 on Peter Summers for selling a substance recommended as a medicine, not being qualified under Section 12 of the Pharmacy and Medicines Act, 1941. For the Pharmaceutical Society it was stated that an inspector saw Summers selling, from a trestle stall erected in the morning and dismantled at night, a preparation called Ease-you-quick oil, which he was recommending for neuralgia, bronchitis, asthma, and, later, gum-boils. Summers had been convicted in 1943 on a similar charge, and had brought an appeal, backed by his Federation. The appeal had been unsuccessful. Speaking in his own defence, Summers said he understood medicine to be something taken internally. The Ease-you-quick oil, which he had sold throughout England, Scotland and Wales for thirty-seven years, was stated specifically to be "for external use."

Deficient Baking Powder.—The Cunliffe Food Co., Ltd., Market Hall, Burnley, Lancs, was at Burnley magistrate's court on August 28 fined £2, plus an advocate's fee of £2 2s. and analyst's fee of £1 1s., for a breach of the Food and Drugs Act by selling baking powder deficient in carbon dioxide. A quantity of baking powder purchased from the company was stated to contain only 2·73 per cent., instead of 8 per cent., carbon dioxide. Pleading guilty on behalf of the company, a solicitor said the baking powder was part of a small lot purchased in August 1941. Owing to war-time difficulties it was sold by a member of the staff instead of being scrapped. Only two out of twelve tins had been sold and, if there had been the usual stocktaking, the whole lot would have been scrapped. The powder was purchased from the manufacturers under the usual warranty, but the invoice had been lost. When it was ascertained that the purchase was made in 1941 the defence of warranty was withdrawn. The standard was raised in 1944, and defendants had failed to clear their old stocks.

Refusal to Sell Combs.—For refusing to sell combs to two customers, Mrs. Isabelle Violet Jones, proprietor of a ladies' hairdressing business at 12 Lambpit Street, Wrexham, was, at the local police court on September 11, ordered to pay fines and costs totalling £63 4s. An official of the Board of Trade stated that refusal to supply a customer with a controlled article constituted an offence under Section 9 of the Goods and Services (Price Control) Act, 1941. On April 14 a customer who asked to be supplied from the defendant's shop was told by an assistant that she could buy a bottle of brilliantine, with which a comb would be presented; the brilliantine would cost 2s. 6d. The customer paid the 2s. 6d. and received a comb but not the brilliantine, for which she was given a voucher; the brilliantine was home-made and she was told to fetch a bottle for it. Defendant stated that the combs had been received before the control was imposed, and the invoices had been lost. She could not sell the combs at the price at which she had bought them because it would have exceeded the controlled price. The chairman of magistrates declared that defendant was deliberately designing to evade the Act, in order to obtain an extortionate profit.

TOPICAL REFLECTIONS

A Cabinet Minister Speaks

Cabinet ministers, when speaking in public on commerce or industry, usually confine themselves to generalities. On comparing your account of the recent speech of Sir Stafford Cripps (President of the Board of Trade) at Blackpool (p. 263) with longer reports printed in the daily Press, I notice that out of consideration for your readers you have omitted the generalities and given the part of the speech relating to commodity known as "brass tacks." The Government, it appears, desires to deal with industrial problems "upon the basis of a tripartite partnership—employers, employees, and the Government." We read that it is proposed—presumably by the Government—"to set up working groups in the different industries to formulate a plan for action, the more urgent taking priority." The outcome of this step is to be that "when their reports had been received and studied by the Department, they would have to lay down the minimum requirements placed upon the industry in the national interest." We must recognise that the word "partnership," as used in this connexion by the President of the Board of Trade, is a metonym or a figure of speech. But even so, the analogy of conditions obtaining in commercial partnerships suggests a note of caution. The chances of a partnership being successful are greatest when the parties to it are of similar antecedents and outlook. In the case before us, three parties of very dissimilar backgrounds and aims will confront each other. If a satisfactory result is to be obtained from the proposed scheme, there will have to be a strenuous exercise of give and take, of readiness to pare down differences till they disappear.

A New Control?

The study of the reports received by the Board is likely to prove, if precedent is a trustworthy guide, a lengthy process. Meanwhile the industries concerned will, we must suppose, preserve an attitude of respectful expectation. And after that? "Minimum requirements" are to be imposed "in the national interest." If I am not mistaken, this statement foreshadows a new control—new in kind or in degree. Employers may find themselves controlled as to quantity of output, prices, number of persons to be employed, wages, hours of work; employees may be "directed" to specified occupations in specified conditions. Such a plan would bear a strong likeness to war-time controls which, we are told, are being relaxed as quickly as possible. The prospect is not encouraging. Already we are reading, as in the recent presidential address to the Association of British Chambers of Commerce, of a shortage of labour; what would happen if most of the employees approached refused to be "directed," and raised claims to the dole as their chosen alternative? It will be useless for exporters and manufacturers to "stand like greyhounds in the slips, straining upon the start" if a heavy-handed control is to be clamped down on all that is summed up in the word initiative. The wise remark of the President that "there was no short-cut—hard work and hard work alone could win us the prize of success . . ." needs to be acted upon by at least two of the parties to the suggested partnership. If the party third in the order named becomes a sleeping partner, no one is likely to suffer much.

Magic in Africa

The news that in Southern Rhodesia pamphlets are being or have lately been circulated "advertising love charms and remedies, preparations to make the users successful, or to help them avoid accidents" (p. 273) discloses a time-lag known to anthropologists but not, probably, to many other readers. Our own fellow-citizens, hearing of such goings-on, need not give themselves superior airs, for it is not long since the burning of dragon's blood as a love charm was a practice in British rural areas. In an example from the North of England noted by me several years ago, the woman took the powder into the left hand from a quantity held in the right hand at midnight: the powder was scattered, rotating the hand sunwise and speaking four lines of doggerel about the wandering lover. (Though these lines are, to the best of my knowledge, unpublished, I do not propose to inflict them on your readers.) Many drugs and other substances, organic and inorganic, have been used in this way from the earliest recorded times. In full detail this subject is apt to become tedious, as the author of "Chronicles of Pharmacy" intimates in his ninth chapter. In its broader aspect, however, it is of great scientific interest, as Sir James Frazer and others have shown. Theories of the origin of magic make attractive reading, and in studying them critically we may be led to useful reflections.

Xrayser

BIRTH

MOORE.—At Lisieux nursing home, Belfast, on September 1, Christina, the wife of Malachy D. Moore, Ph.C. (vice-chairman, Associates' Section, Ulster Chemists' Association), of a son.

MARRIAGES

LEAHY — O'REILLY. — At University Church, St. Stephen's Green, Dublin, recently, Patrick J. Leahy, M.P.S.I., Tiermore House, Kilmallock, co. Limerick, to Christine E. O'Reilly, M.P.S.I., Glin, co. Limerick. The bride is well known in Dublin pharmaceutical circles for her work on the Benevolent Fund dance committee. She was given away by her brother, Mr. John B. O'Reilly, M.P.S.I.; music at the church was rendered by her uncle, Mr. Joseph O'Reilly, M.P.S.I. The ceremony was performed by Rev. Father Sadleir, president of Roscrea College and an uncle of the bridegroom.

MELVIN—MCLOUGHLIN.—At the Church of the Three Patrons, Rathgar, Dublin, recently, Lieutenant T. Melvin to Catherine McLoughlin, L.P.S.I., Ballina, co. Mayo.

SHAW-HOEY.—At St. Peter's Church, Paddington, London, W.9, on September 8, Arthur G. Shaw, Ph.C., D.B.A., 43 Elgin Avenue, W.9, to Ethel G. Hoey, S.R.N., Church Street, Cookstown, co. Tyrone, Northern Ireland.

DEATHS

CHALMERS.—Suddenly, on September 15, Mr. Franklin Bernard Chalmers, M.P.S., Cartref, Ruth Road, Pontypool Road, aged forty-nine. A native of Worcester, Mr. Chalmers went to Pontypool as a young man to serve an apprenticeship with Mr. H. W. Dix. During the war of 1914–18 he served in the artillery. On his return he started in business on his own account as a chemist at Griffithstown, and later took over additional pharmaceutical businesses in Pontypool and Pontnewydd. He was a former vice-captain of the Pontypool golf club, and vice-chairman of the Pontypool Constitutional Club. He is survived by his widow and a daughter.

EDYVEAN.—Reported missing from operations with the Royal Air Force in July 1944, and now presumed killed, Flight-Lieutenant Douglas Edyvean, M.P.S., formerly of Dracena, Blenheim Road, Alphington, Exeter. Flight-Lieutenant Edyvean qualified in 1940.

GRIMWADE.—At his home in Macedon Victoria, recently, Mr. Edward N. Grimwade, aged seventy-eight. Mr. Grimwade' business associations included Drug House of Australia, Ltd., Australian Consolidated Industries, Ltd., and Commonwealth Fertilisers & Chemicals, Ltd., in which companie he was at various times chairman o directors. He was also for many year associated with Felton, Grimwade & Bickford, Ltd., manufacturing chemists.

HUGGINS.—Suddenly, at a Glasgow in firmary on September 1, Mrs. Helen Jan Clarke Huggins, widow of the late Mr. W. H Huggins, M.P.S., Glasgow.

MILLS.—On September 2, Mr. Fred Mills M.P.S., 6 Carlton Terrace, Bacup, Lancs aged twenty-nine.

MITCHELL.—On September 3, Mr. Pete Mitchell, M.P.S., 34 West Port, Dundee aged sixty-nine. Mr. Mitchell was a membe of the local Pharmaceutical Committee.

SAUNDERS.—On August 18, Mrs. Ethe May Saunders, wife of Mr. Stanley Saunders M.P.S., 24 Sunbury Way, Hanworth Middlesex.

PERSONALITIES

COUNCILLOR J. W. HUDDART, J.P. M.P.S., is standing as Liberal candidate fo the Marton Ward in the forthcoming municipal elections in Blackpool.

MR. W. BROWNBILL, M.P.S., 70 Avenue Parade, Accrington, has been adopted as a Labour candidate for Peel Park Ward a the municipal elections in November.

MR. E. LEIGHTON HOLMES, M.Sc., has been elected chairman of the London sectio of the British Association of Chemists. Mr Holmes is in practice as a consulting and research chemist at Station Road, Irthlingboro, Northants, specialising in problems connected with the supply of water fo industrial purposes.

WILLS

MR. ARTHUR THOMAS MOGG, M.P.S., 17 Meteor Street, Cardiff, left £701, with net personalty £428.

MR. CLEMENT GEORGE OSTLER, M.P.S., 14 Hillside Avenue, Strood, Kent, left £5,286, with net personalty £4,870.

MR. ROWLAND ERNEST PRICHARD, M.P.S., 371 Ferndale Road, Swindon, Wilts, left £2,821, with net personalty £2,133.

MR. ROBERT MARSHALL, M.P.S., 138 Bo'ness Road, Grangemouth, left personal estate in Great Britain valued at £7,496.

COMPANY NEWS

ECIALITIES (PACKERS), LTD. (P.C.).—tal £1,000. Bottlers, packers and dis-tors of chemicals, etc. Sidney List, ctor. R.O.: 64 Newman Street, Lon-W.1.

FORBES JOHNSTON, LTD. (P.C.).—tal £2,500. Chemists and druggists, Jessie K. Millar and Daniel T. Milne, .S., directors. R.O.: 154 Brook Street, ghty Ferry.

HN WILSON (CHEMISTS), LTD. (P.C.).—tal £2,000. Chemists, opticians, etc. ie W. D. Allden, M.P.S., and Thomas Witcomb, directors. R.O.: 36 Corbets Road, Upminster.

AN-KEM, LTD. (P.C.).—Capital £2,000. olesale and manufacturing chemists, Thomas H. A. Knight, M.P.S., and nent Finlayson, M.P.S., directors. R.O.: ven House, Kingsway, London, W.C.2.

EARCE, THOMAS LABORATORIES, LTD. apital £1,000. Manufacturers of and ers in cosmetics, chemicals, fancy goods, Bernard W. J. Pearce and John R. mas, directors. R.O.: 7 Park Lane, don, W.1.

. & F. A. WILMAN, LTD. (P.C.).—ital £10,000. To acquire the business chemist recently carried on as G. & A. Wilman at 32 Westgate, Bradford, A. C. Pyecroft. Mabel and Kenneth croft, directors. R.O.: 32 Westgate, dford.

ONDON PRODUCTS (TOZANA), LTD. (P.C.). ital £500. To acquire the business of a ufacturing chemist carried on by Joseph Deacon at 92 Brondesbury Road, don, N.W.6. Joseph H. Deacon and Foulshaw Baker, directors. R.O.: 53 sbury Road, London, N.W.6.

IcCLURE'S PHARMACY, LTD. (P.C.).—istered in Belfast. Capital £3,000. To uire the business of a chemist and drug-carried on as McClure's Pharmacy by nes Paul at 54 Hill Street, Newry, co. wn. James Paul, Ph.C., and Robert ry Paul, directors. R.O.: 54 Hill eet, Newry.

MPERIAL CHEMICAL INDUSTRIES, LTD.—interim dividend of 3 per cent. is being d on the ordinary stock for the ninth cessive year.

APPOINTMENT OF TRUSTEE.—Mr. Parkin Booth, 14–17 Holborn Viaduct, London, W.C.1, has been appointed trustee for Robert Frank Hedges, M.P.S., lately at 127 Walton Street, Oxford.

SCHOLEFIELD, GOODMAN & SONS, LTD., import and export merchants.—Major D. W. Beharrell, who has recently been released from the Army, has been appointed to the board. From January 1, 1946, he will act as joint managing director. Major Beharrell is a son of Sir George Beharrell, chairman of Dunlop Rubber Co., Ltd., and is a chartered accountant.

COMING EVENTS

Notices for inclusion under this heading should be sent in time to reach the Editor in Bath not later than Wednesday morning of the week of insertion. Secretaries are advised to send copies of printed programmes of local activities so soon as they are completed.

Monday, September 24

MEDICAL GROUP, ASSOCIATION FOR SCIENTIFIC PHOTOGRAPHY, Hastings Hall, British Medical Association House, at 6 p.m. Sergeant Clissna (U.S. Army Pictorial Service) on "Kodachrome Photography in War and Theatre."

Tuesday, September 25

INSTITUTE OF EXPORT, Assembly Hall, Royal Empire Society Building, Northumberland Avenue, London, W.C.2, at 1.15 p.m. Mr. W. Wakefield Adam on "Britain's Coal: Crisis and Opportunity."

WEST HAM AND EASTERN (LONDON) DISTRICT OF PHARMACISTS and BRANCH, Church Institute, 27 Romford Road, E.15, at 7.45 p.m. Mr. W. J. Tristram (a member of the Pharmaceutical Society's Council and chairman of the Joint Committee on a National Pharmaceutical Service) on "Current Pharmaceutical Affairs."

Thursday, September 27

IRISH CHEMISTS' RUGBY CLUB, Red Lion Hotel, South Great George's Street, Dublin, at 8.30 p.m. Annual meeting.

ASSOCIATION FOR SCIENTIFIC PHOTOGRAPHY, Alliance Hall, Westminster, London, S.W.1, at 6.30 p.m. Mr. R. Peel on "Recording Engineering and Other Work by Stereoscopic Photography."

Saturday, September 29

ROYAL SANITARY INSTITUTE, Southern Secondary School, Fawcett Road, Southsea, at 10.45 a.m. Dr. I. M. McLachlan on "Mass Radiography—A Review of a First Year's Working."

Sunday, September 30

MANCHESTER PHARMACEUTICAL ASSOCIATION. Ramble to Hayfield, Disley and Poynton. Meet London Road station, 9.40 a.m. Book Hayfield return.

TRADE NOTES

New Lighting Techniques.—A preliminary announcement is given in this issue of new lamps and new lighting techniques shortly to be introduced by Crompton, Parkinson, Ltd., Electra House, Victoria Embankment, London, W.C.2.

Formula Improved.—Buffle insect powder, distributed by Fassett & Johnson, Ltd., 86 Clerkenwell Road, London, E.C.1, now contains a percentage of Gammexane, in addition to its previous ingredients. Ample supplies and price tickets are available.

In Plentiful Supply.—W. B. Cartwright, Ltd., Rawdon, Leeds, state that although demands by pharmacists for many proprietaries cannot be met owing to shortages of materials and labour, "reasonable" quantities are available of Urillac tablets and Gee's Lobelline.

Photographic Tanks.—Johnson & Sons, Manufacturing Chemists, Ltd., Hendon Way, London, N.W.4, have been appointed sole distributors for Dallan photographic tanks, washers, lamps and other Dallan products, of which a limited supply will shortly be available.

Medical Literature.—Ward, Blenkinsop & Co., Ltd., Brooklands, Halewood, Liverpool, have prepared a series of small booklets dealing with dicoumarin, menaphthone and acetomenaphthone, and thiouracil and methyl thiouracil. Copies may be obtained by chemists on request from the manufacturers.

Industrial Maps.—A series of industrial maps, forming part of the most comprehensive survey yet undertaken of the resources of Great Britain, is in course of preparation by the Ministry of Town and Country Planning and the Department of Health for Scotland. All the maps in the series will be issued by the Ordnance Survey Department at prices varying from 2s. to 5s. each.

Moth and Larva Killer.—Ozaline insecticide, which is supplied by May, Roberts & Co., Ltd., London, Sangers, Ltd., London, and other wholesalers, is stated by the manufacturers, Ozonol Laboratories (1930), Ltd., New Wharf Road, London, N.1, to destroy not only moths and insects but their eggs and larvæ as well. Ozaline is non-inflammable, non-greasy and non-staining. It is issued in bottles of two sizes.

Use of Cacodylic Salts.—R. F. Reed, Ltd., manufacturing chemists, Riverside Works, Alfred Road, Barking, Essex, have prepared a leaflet on the use of cacodylates. T these salts is claimed to improve the g state of a patient. Essentially the tonics of exceptional restorative p acting in cases of the greatest exha and useful in such conditions as an neurasthenia, asthma, tuberculosis malaria. Copies of the leaflet ma obtained on application to the compa

Availability of D.D.T.—Further nouncements about the availabilit D.D.T.-Geigy insecticide, arising o the Government's announcement limited supplies of D.D.T. for civilia were being released (see *C. & D.*, Septe 8, p. 235) will be made jointly by Pha ceutical Laboratories Geigy, Ltd., Na Buildings, Parsonage, Manchester 3, Stafford Allen & Sons, Ltd., 20 V Road, London, N.1, in forthcoming i of *C. & D.* Direct inquiries are invit

London Visit.—Mr. Lazar Tchernia director of La Chemotecnica Syntal Carlosberg 3669–71, Buenos Aires, A tina) is now in London for the purpo contacting firms wishing to do bus with the Argentine. He is to be see appointment at the offices of Biddle, Sa & Co., Ltd., Empire House, St. Martin Grand, London, E.C.1. Mr. Tchernia especially interested in veterinary spe ties capable of being manufactured in Argentine under licence, and in all p maceuticals.

War Experiences of Dutch Firm.— vicissitudes of the Fruticia Essence Fab Amsterdam, under the Nazi occupation described in a folder in English issue the proprietor, B. Vleeschhouwer, 1e E haavestraat 4 en 8. After he had "s the business in 1942 under the threa confiscation as a Jewish firm, an off arrived at the beginning of 1943 with structions to liquidate the concern. books were seized and the previously cluded sale declared null and void. buyers (Messrs. J. W. Koert v. d. Lir and W. Th. van Hulst), in agreement Mr. Vleeschhouwer, succeeded in obtai permission to buy the remaining sto Thanks to their good offices it was possi after one-and-a-half years of hiding, resume control after the liberation.

Blackcurrant Syrup Prices.—Owing the lower cost of blackcurrants this y Barnett & Foster, Ltd., Queensbridge Ro London, E.8, state that it is possible reduce the price of their Niagara bla

syrup for next season, and the new rice, which has been agreed by the y of Food, will operate for all es made after September 30. A will be given in respect of all unsold of Niagara blackcurrant syrup October 1 (where these have been d at the old price) to enable the eduction to be made to the public t loss by the retailer. Similar appro- rrangements will be made in respect lesale stocks still undistributed on r 1. Holders of old stocks on Octo- re asked to notify the makers.

Business Changes

P. J. MOORE, B.Com., has been ted sales manager of D. McDermott cides, Ltd., Percival Lane, Runcorn.

ROBERT FRAYNE has been appointed al supervisor for Felton, Grimwade & d, Ltd., Melbourne, Australia.

JAMES BIRNIE, M.P.S., has taken e business of the late Mr. Lewis H. , M.P.S., Innerleven, Methil, Fife.

J. R. EVANS, M.P.S., is taking over, ober 5, the pharmaceutical business J. T. Sambrook, 101 High Street, Surrey.

& BAKER, LTD., and PHARMACEU- SPECIALITIES (MAY & BAKER), re shortly opening an office at 19 Place, Glasgow, C.1, for the benefit macists in Scotland.

AIL LICENCE APPLICATION.—Daniel to carry on, at 74 Breckfield Road, Liverpool, 5, a business formerly ted by Elizabeth Ridgway in drugs, nes, surgical appliances, etc.

D. E. WHEELER is relinquishing his post as chief chemist to Hardman & , Ltd., and the Manchester Oxide d., to take up an appointment with llcome Foundation, Ltd., 183 Euston London, N.W.1, on January 1, 1946.

etary Articles Trade Association

ations to Protected List.—*Endocrines- Ltd.*, Correction to P.A.T.A. year-book, Purchase tax on Emulsion Lactobacillus nilus should read 6s. 9d. doz.

Laboratories, Ltd., Cyllin-M, 10-oz., 20s. ax 3s. 3d. doz., inclusive retail price

ors (Cash Chemists) Midland, Ltd., ids have been restored to the list; s before: 24's, 11s. 3d. doz., tax 1s. 10½d. r.p. 1s. 5d.; 60's, 22s. 6d. doz., tax doz., i.r.p. 2s. 10d.

ions.—*Evans Sons Lescher & Webb, Ltd.*, ol virus for rats and mice.

TRADE WITH HOLLAND

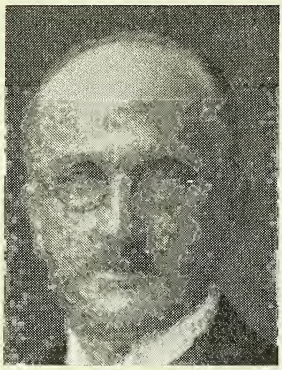
THE Treasury and Board of Trade draw traders' attention to the provisions of Trading with the Enemy Orders (S.R. & O. Nos. 1117, 1118, and 1119), issued recently, which relate to the prohibition of trade with the Netherlands during the war. The general effect of the Orders is that provisions of the Trading with the Enemy Act, 1939, and the Custodian Order, 1939, which remained in force after the liberation of the Netherlands, now cease to apply in respect of money and property accruing on or after September 10, 1945, to persons resident in that territory. Money which has become or becomes payable to persons resident in the Netherlands (or to certain concerns controlled by such persons) since September 10, and property coming into their ownership on or after September 10, cease to be subject to the control of the Custodian of Enemy Property.

Money which became due before September 10, but has not yet been paid or held to the order of the Custodian, remains payable to the Custodian. Similarly, property in the United Kingdom which, before September 10, 1945, was subject to report to the Custodian, remains property to which Article 4 of the Trading with the Enemy (Custodian) Order, 1939, still applies, and must not be parted with or dealt with without the consent of the Board of Trade.

The Orders lift the application of Sections 4 and 5 of the Trading with the Enemy Act, 1939, in respect of certain transactions which may be effected on or after September 10. The transactions now sanctioned comprise the assignment of choses in action, the transfer of negotiable instruments, the transfer of coupons or other securities transferable by delivery which are not negotiable instruments, and the transfer of United Kingdom registered securities acquired on or after September 10.

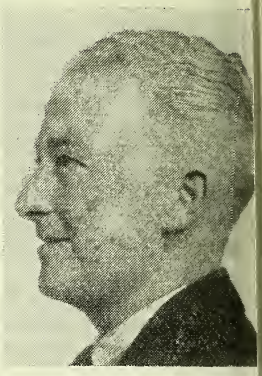
Obstacles in the way of trading with persons in Holland which arose out of the Trading with the Enemy legislation have now been removed. Banking channels between the two countries are restored, subject to the operation of the Defence (Finance) Regulations, about which any persons intending to have transactions with the Netherlands should consult their bankers. Attention is drawn to the necessity for compliance with other regulations, e.g. Defence (Finance) Regulations, Export and Import licensing and other parallel regulations of the Royal Netherlands Government.

CANDIDATES IN EIRE COUNCIL ELECTION

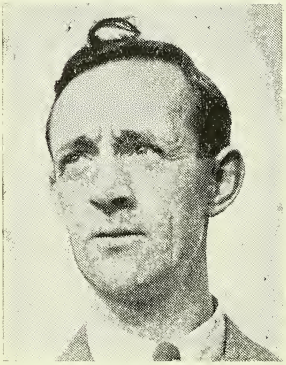


Mr. P. Brooke-Kelly

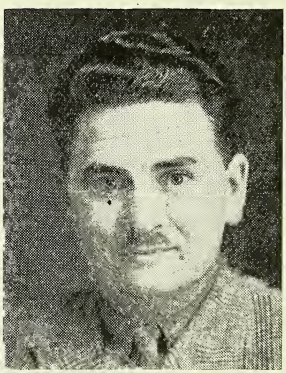
Mr. M. Costelloe



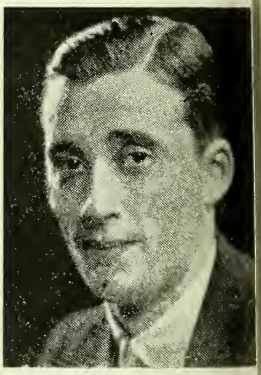
Mr. W. G. Cunningham



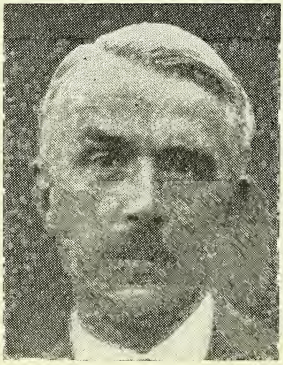
Mr. R. Daly



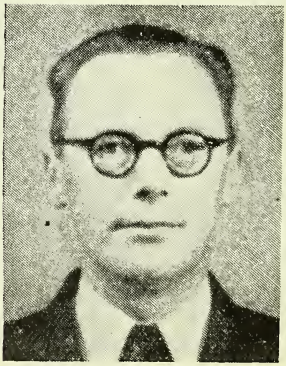
Mr. J. P. Kissane



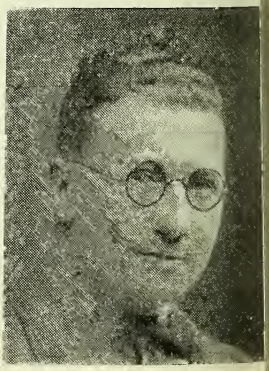
Mr. C. D. O'Shea



Mr. T. C. Scott



Mr. B. C. Sullivan



Mr. J. K. Whelehan

EIRE PHARMACEUTICAL COUNCIL ELECTIONS

FOR the seven triennial vacancies which now exist on the Council of the Pharmaceutical Society of Ireland, a contest is to take place. In addition to six outgoing members who seek re-election, three new candidates have been nominated from the Cork area by the Cork Chemists' Association, and the contest promises to be close. Nominations closed on September 17, and voting papers must be in the hands of the registrar by 11 a.m. on October 1, when the count takes place. The scrutineers appointed by the Council are Messrs. J. Gleeson and H. P. Corrigan. The following are notes on the candidates:—

BROOKE-KELLY, Patrick.—For nearly fifteen years now the Eastern counties of Eire have been admirably represented at Mount Street by Mr. Brooke-Kelly, Enniscorthy. From 1931 to 1933 he filled the office of president with distinction, and he has always been regarded as the foremost authority on the Council on pharmaceutical education, having kept well in touch with advances made in pharmacology not only in the English-speaking countries, but also in the Continent. Before opening his own business in Enniscorthy, Mr. Brooke-Kelly had the valuable experience of serving with the French Army as a dispenser, and also as a pharmacist on the staff of Roberts & Co., in Paris, Nice, and Morocco. Twice he had the honour of representing Ireland at international conferences in Brussels and Bordeaux. It is doubtful if any member of the Council from the provinces could excel the splendid attendance record Mr. Brooke-Kelly holds, or give evidence of more indefatigable industry in the interests of his profession.

COSTELLOE, Michael.—During his three years' service on the Council, Mr. Costelloe has been noteworthy for the practical, common-sense attitude he has always adopted towards the various matters that have come up for decision. He has no "isms," but takes a straightforward, sensible course, in what he considers to be the best interest of the profession as a whole. In addition to his membership of the Council he is one of the most active city representatives on the Irish Drug Association committee. For many years, now, Mr. Costelloe has been running his own pharmaceutical business at Marino, Dublin, but, although he may be regarded as representing the city, he has had such close ties with pharmacy in his native Kerry that he has always a keen appreciation of the problems confronting the country chemist. He is an energetic member of the Irish Chemists' Golfing Society. His re-election to Mount Street would be most popular with his present Council colleagues.

CUNNINGHAM, William G.—Amongst the city representatives, Mr. Cunningham is outstanding as the champion of the rights of chemists holding public appointments as dispensers and compounders. He is himself the official compounder at the Store Street Dispensary, one of the largest in Dublin, and as such he has a first-hand knowledge of the disabilities under which local authority dispensers work. Under any new pharmacy legislation he would like to see pharmacist-compounders appointed to all the large hospitals and public institutions, where pharmacists are needed, on terms worthy of compounders' professional attainments. Outside his work on the Council, Mr. Cunningham has taken a more than academic interest in the work of organising pharmacy on a vocational basis. He has been a close student of guild and vocational ideas as applied to his own profession, and can speak with authority on this matter.

DALY, Richard.—An outstanding personality amongst the younger pharmacist proprietors in Cork city, put forward by the Cork and District Chemists' Association, of which he is the present chairman, is Mr. Richard Daly. Mr. Daly was educated at the Christian Brothers' School, Midleton, and took his preliminary examination in 1929. His apprenticeship was served at Fieldings', Patrick Street, one of Cork's leading pharmacies. While there he passed the Assistants' examination, and in July 1935, he obtained his Licentiateship and took over the management of various establishments in Cork city and county, including an appointment as manager to the Cork Chemical & Drug Co. Mr. Daly is now running his own business at High Street, Cork, and is one of the most popular and progressive leaders in Munster pharmacy today.

KISSANE, John P.—Of all newcomers to the pharmaceutical Council in recent years, none has shown more progressive ideas than Tipperary's representative in the person of Mr. Kissane. A young man, full of energy and enthusiasm, he is out to see that Irish pharmacy keeps pace with modern developments, particularly in relation to biochemistry. Mr. Kissane has been an ardent advocate of post-graduate courses for

pharmacists, under which members of the profession would equip themselves to be able to carry out blood counts, urine tests, etc., thus keeping the professional aspect of pharmacy well to the fore. He sees that, with modern trends, the pharmacist must become still more scientific in his training if the profession is to hold its own, and is a strong advocate, too, of the need to modernise the whole curriculum of training for pharmaceutical students, to enable them to deal effectively with such remedies in use today as the sulphonamides, penicillin, and the various hormone and glandular products.

O'SHEA, Christopher Dominick.—Amongst the new aspirants to Council honours, Mr. O'Shea, a man of moment in Cork pharmaceutical life, was educated at the North Monastery and Farranferris College, Cork, and served his apprenticeship with Mr. J. T. O'Sullivan, M.P.S.I. He passed his final examination with honours in January 1933, and after qualifying spent some years with Mathew Thomas & Co., Ltd., Cork, and the Cork Chemical & Drug Co., Ltd. With this additional experience he then opened his own pharmacy at Blackpool Bridge, Cork, where he has established a successful business. Mr. O'Shea is one of the most active members of the committee of the Cork and District Chemists' Association.

SCOTT, Thomas Cecil.—Before he came to Mount Street, Mr. Scott had already well earned his spurs for the great work he had done for the profession during his presidency of the Irish Drug Association from 1933 to 1936. He had truly laid the foundation for a nation-wide drug-trade organisation, without which the profession would have been at a tremendous disadvantage throughout the war years. He was one of the pioneers of the I.D.A. as it exists today. Since he became a Councillor of the Society, Mr. Scott has been assiduous in the discharge of his duties, and has an excellent attendance record. No one could have been more consistently active throughout a period of years in working for the advancement of Irish pharmacy. He is a good mixer, and one of the most courteous and helpful of colleagues.

SULLIVAN, Bartholomew C.—Cork county is admirably represented in the present contest by Mr. Bartholomew C. Sullivan, a man of the widest experience. Mr. Sullivan was educated at Mungret College, Limerick, and passed his pharmaceutical Preliminary examination in January 1924, with honours. His apprenticeship was served at Wrixon's Medical Hall, Mallow, and in 1926 he obtained a certificate as compounder from the Apothecaries' Hall, Dublin. Subsequently he obtained his Licentiateship from the Pharmaceutical Society. His extensive experience includes some years spent with Mr. A. Mayne, chemist, Cork, and as a member of the staff of Boots, Ltd., both at Nottingham and London. On his return to Ireland Mr. Sullivan opened his own pharmacy at Mallow, where he is now well established.

WHELEHAN, John Kevin.—Mr. Whelehan, who has filled the office of vice-president for the past two years with ability and distinction, is next in line for the presidency, should he secure return in the present election. His two years in the vice-chair have given proof of his capabilities. He is now an experienced Councillor who has kept the interests of Midlands chemists, whom he represents, well to the fore in Mount Street during the past six years. Although travel conditions from Mullingar have not made visits to Dublin during the past few years any too easy, he has, nevertheless, been a constant attender and most conscientious in the discharge of his duties. In his home district he has done great work in organising the pharmacists of Meath, Westmeath, Longford and the adjoining counties into a live local association.

Mr. E. J. McSweeney, Cork, is not seeking re-election.

Election Statement

The six outgoing candidates (Messrs. Whelehan, Costelloe, Scott, Cunningham, Kissane and Brooke-Kelly) have issued a joint election address from which the following abstract is taken: "Our conception of pharmacy may differ; our ideals —yours and ours—must be identical. We subscribe fully to the heads of proposed legislation hammered out by a consultative subcommittee set up by the Pharmaceutical Council and the Irish Drug Association. We want compulsory membership; provision of public compounders; widows' clause; repeal of the 1908 Act (sheep dip, etc.); restriction of sales of drugs and medicines to pharmaceutical chemists and registered druggists. We stand for the placing of pharmaceutical chemists in all executive positions in the wholesale section of pharmacy. We hold that pharmaceutical chemists should be the ethical distribution medium for ethical veterinary products, both to the veterinary surgeon and to the public. We go forward as a panel."

ELEMENTS OF COUPON CUTTING

On September 16 chemists were conscripted nto the ranks of the "clippies." On that late it became obligatory to remove coupons rom ration books when selling soap. Hitherto, pharmacists have had the advanage over, for example, food traders, in hat, while striving to keep their heads bove water in a sea of forms and documents, hey have at least not been called upon to ield the scissors at the counter.

Consequently they may not be quite so dept at couponectomy as is the experienced rocer down the street, and it is proposed o reduce soap rationing to its simplest erms so as to implant its intricacies rmly in the minds of the most "intellecual"—i.e. the least practical—members f the craft.

Relative Values

The beginner must first master an easy ule, but then proceed to a multiplication able that changes with the calendar. he first is absolute. A coupon always nsists of the same amount of paper, amely two small squares placed vertically ne above the other. The ones the chemist is oncerned with are all to be found in the pper half of p. 15 of the normal adult uff) ration book R.B.1, the blue junior ook R.B.4, and the child's green book .B.2. It will be seen that each small quare bears a letter K, plus a small umber in one corner. Each group of ur composes a larger square bearing ntrally a number from 1 to 13, representg "rationing periods." Each "ration riod" lasts four weeks. Thus the scissor ork is standardised and easy to check, ecause a coupon clipped from a ration ook is always rectangular, and looks omething like this:—

On the other hand, the soap value presented by the coupons, varies with e calendar and with the colour of the tion book. This is not so good, because makes the headwork a little more comlicated. However, to know what the tion value of a coupon is on any given ate it is only necessary to turn up form .1267, where it can be found after a trivial effort, issued by the Ministry of Food, or, more simply, to consult the following table:—

Ration Period	Coupon No.	Value in rations: Adult (buff) Junior (blue)	Value in rations: Child's (green)
1945			
3 (Sep. 16–Oct. 13) ..	9–10	2	All 2
	11–12	2	
4 (Oct. 14–Nov. 10) ..	13–14	1	
	15–16	2	
5 (Nov. 11–Dec. 8) ..	17–18	2	
	19–20	2	
1945–46			
6 (Dec. 9–Jan. 5) ..	21–22	1	
	23–24	2	
1946			
7 (Jan. 6–Feb. 2) ..	25–26	2	
	27–28	2	
8 (Feb. 3–Mar. 2) ..	29–30	1	
	31–32	2	
9 (Mar. 3–30) ..	33–34	2	
	35–36	2	
10 (Mar. 31–Apr. 27)	37–38	1	
	39–40	2	
11 (Apr. 28–May 25) ..	41–42	2	
	43–44	2	
12 (May 26–Jun. 22) ..	45–46	1	
	47–48	2	
13 (Jun. 23–Jul. 20) ..	49–50	2	
	51–52	2	

At the end of every eight weeks the retailer collects together all the clippings and sends them to the local Food Office. With them he sends a statement giving (*a*) the number of coupons worth two rations each (see table above); and (*b*) the number of coupons worth one ration each.

If he is wise, he will have simplified the operation of counting by placing each set of coupons in a separate box as he cuts them out at the time of sale.

One last point. Special envelopes for forwarding the coupons are provided by a thoughtful Food Office, and it is better to make use of them than to use one's own stationery.

What's in a Name?—The following incident is vouched for by a pharmacist at Chobham, Surrey:—

Customer: I want a blood bath, please.

Pharmacist: The only blood bath I know of is the Nazi variety. Is it to bathe limb or body that you want the bath?

Customer: It is something that makes the water blood colour.

Pharmacist supplies pot. permang. as "blood bath."

METALDEHYDE

SAFE SOLID FUEL AND SLUG KILLER.

In Handy Packets
1/- 2/- 4/6
Trade Enquiries to
H.R. NAPP LIMITED,
3 & 4, Clements Inn, London, W.C.2.

NOW AVAILABLE

'VET' ANIMAL MEDICINES

Reasonable stocks are now available.

We have an especially selected re-stocking parcel containing our most attractive and best selling lines. £2-6-0 inc. P.T. Carr. Paid. Retail value £3-16-9, from:—

JOHN PRENTICE (LONDON) LTD.
The Exchange, Muswell Hill, N.10
Telephone: TUDor 2174.
or Northern Branch:—8/8a Fenkle Street, Newcastle-on-Tyne. Telephone 24119.

Wanted, Agencies for India from Manufacturers of Essences, Essential Oils, Aromatic Chemicals and Perfumeries in United Kingdom. Send samples and terms to Calcutta Essence Supply Co., Mulchand Mansion, Princess Street, Bombay, 2, India. Bankers: The Lloyds Bank, Ltd. Travellers in all provinces.

A. BOAKE, ROBERTS & CO. LTD. LONDON, E 15 (BUCkhurst 1133 6 lines)

BURROUGHS S.V.R.
James Burrough Ltd., 1 Cale Distillery, Lambeth - S.E.11

TRAGACANTH
SPECIALISTS IN B.P. POWDER
SAMPLES AND PRICES ON REQUEST.
FREUDENTHEIL, SMITH & CO., 16 Philpot Lane, London, E.C.3.
MANsion House 1924 & 6600. Estd. 1826

MANOIDS
NEVROIDS
URICURE TABLETS
OCCASIONAL PILLS
THE ACTON PILL & TABLET Co. Ltd.
ASH VALE, SURREY.
and all Sundries Houses.

THE NATIONAL ASSOCIATION OF OPTICIANS
The next Examination will probably be held at Liverpool in December. Further particulars later.
SYLLABUS and ENTRANCE FORMS, etc., from
SECRETARY, N.A.O., 130 Princes Road, Liverpool, 3

"Cheritone"
The Approved
TONIC CUP
With a Cherry Flavour
AVAILABLE FOR IMMEDIATE DELIVERY
IT'S A TONIC FOR CUSTOMERS & SALES
28% TO THE TRADE
RETAIL SELLING PRICES: 2/9 & 5/- INC. TAX
THE CHERITONE COMPANY LIMITED, 149, FARRINGDON RD., LONDON, E.C.1.

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ial organ of The Pharmaceutical Society of nd, The Pharmaceutical Society of Northern nd, The Chemists' and Druggists' Society of nd and of other Chemists' Societies in the Empire

. CXLIV SEPTEMBER 22, 1945 NO. 3424

Penicillin for Export

NY inquiries from overseas readers about prospects of supplies of British pharmatical products have been received by E CHEMIST AND DRUGGIST during the t few weeks, including a good number the subject of British-made penicillin. no news regarding the future of this duct, which it is worth pointing out a British discovery, has yet been ased, inquiry was made at the Ministry Supply for information to assist us in ising subscribers as to their prospects receiving the drug. The result of our uiry was disappointing, as nothing can arently yet be said about penicillin. No lanation is offered by the Ministry to ount for delay in making a statement, it can hardly be maintained that it is nected with security, now that the war ver.

t Potential Demand

No doubt exists that the potential nand for penicillin is enormous, and a t ready sale could readily be achieved British exporters if the drug were to be de freely available to them. Interest penicillin is world-wide, and few people unaware of the leading part played by s country in its discovery and development. In penicillin, therefore, it would ear that Britain, anxious to develop rseas trade as quickly as possible, has perfect commodity—the product of British scientific skill—to offer to the world. Yet the fact is that no British-made penicillin is being exported through the regular trade channels.

United States' Lead

It may be of interest to examine the position so far as it is known. First, production of penicillin was retarded in Great Britain because of the war, with the result that the United States obtained a substantial lead in manufacture. Secondly, penicillin is a drug for use in specific conditions, and its consumption cannot be expanded above certain limits. Thirdly, large-scale manufacture would soon saturate a home market, leaving a large margin for export. Fourthly, penicillin must be used within a specified time and cannot easily be formed into a reserve. Fifthly, large-scale production means lower costs, bringing the product within popular reach. It is known that the United States is already exporting penicillin on a substantial scale, and the considerations enumerated above suggest that she will require a wide export market to consume her surplus production within given time limits.

British Civilian Requirements

When the position of the United States is compared with that of Great Britain, certain disadvantages to this country become apparent. For example, a large potential production of penicillin is still required in Great Britain to satisfy home civilian requirements, and an indication that this figure has been reached will presumably come in the form of an announcement that the drug has been released for general use. Until that stage is reached, no penicillin is likely to be available for export because, unlike ordinary commodities, drugs of such specific character cannot be "done without" at home for the sake of export. It would be unreasonable to expect other countries to wait for supplies of penicillin until British production becomes available if, in fact, they can obtain the drug without difficulty from America, and in the circumstances no objection could reasonably be taken to their action. But it would be extremely unfortunate and indeed unfair if Great Britain were to suffer a permanent loss of markets because, as a result of her

unselfish action in handing over the manufacture of penicillin to the United States during the war, she were unable to take advantage of the current world-wide demand. The position of penicillin is indeed one of great difficulty. In our opinion, the problem will not be solved by imposing a black-out on information concerning the British product, and it is to be hoped that an official statement of the position will be forthcoming without delay.

The Government and Industry

THE suggested composition and functions of a tripartite partnership proposed by the President of the Board of Trade (Sir Stafford Cripps) for determining the future of the cotton industry (see *C. & D.* September 15, p. 263) is worthy of study, for there is always the possibility that similar bodies may be set up in other industries. The machinery appears to have been devised to provide some form of Parliamentary control over an industry which it has been officially stated is not to be nationalised. The essence of the scheme is the establishment of a committee composed of representatives of employers, employees, and the Government in equal numbers, with an independent chairman. In the present instance the "working party" (the term is the Minister's) is to comprise four representatives of each group. The Government nominees, it is stated, will probably be an engineer, a scientist, an economist, and an efficiency expert.

No Fresh Inquiry

There is no intention that the working party shall institute any fresh inquiry. It will examine documents already published or prepared (Sir Stafford referred to a "plethora of suggestions, reports, and recommendations"). From them it will concert a plan of action which it will submit to the Board of Trade, and on the Department will rest the responsibility of deciding what action shall then be taken. The Department will, of course, be answerable to Parliament through its political head. An important principle expounded by the Government spokesman was that it is not considered right for anybody within an industry to have powers of compulsion. Any such powers, if used—and their seems implicit in the proposals—will exercised by the Government. The m question that will arise in everybo mind is whether a working-party on model will work. In this respect it perhaps fortunate for the drug trade t the initial experiments are to be car out in another and unrelated industry. the experience in cotton the innova can be extended, modified, or, should prove quite unworkable, abandoned.

What success the new development have in its first application we can ha predict. Cotton is an industry of wh we can claim no knowledge, and its st ture is presumably different in import respects from that of the chemical indus For a committee of the composit referred to to function successfully in own industry, however, certain assu tions would have to be accepted that r or may not be warranted. One is t the managements of all concerns in trade have identical interests, and single point of view. If, for exam importers and domestic producers sh sometimes differ among themselves points of policy, as might well hap then neither side would seem to h adequate representation *vis-à-vis* the ployees, whose interests are seen to b once more limited and more solid. nature of the Government members of team also leaves something to be desi On the one hand, they appear to have special qualifications for presenting Government's point of view on point policy—for example, on the relation one industry should bear to the econom the nation as a whole. On the other ha as technical experts they may suffer f being almost inevitably regarded by trade members as "outsiders." In circumstances, too much power may c to lodge itself in the hands of the inde dent chairman, whose decisions could trade secrets were withheld—and in nature of things they have some bearing efficiency—be based on incomplete infor tion.

No one will deny that efficiency must the keynote if every industry is to con bute its due share to national prosper

achieve it, by means which do not pro-
e one industry at the expense of another,
ay be necessary that the Government
uld have knowledge of, and therefore
e representation in, the inner workings
ach major industry. If the "working
ty" proves to be the right solution for
on it will eventually establish itself.
n will arise the possibility that it might
pplied also to the chemical industry,
ch, like cotton, it is, we believe, not
osed to nationalise. Leaders of the
stry should therefore, whilst energetic-
increasing efficiency on their own
unt, keep a watchful eye on develop-
ts elsewhere.

A Rise in Exports

value of goods exported from the
ted Kingdom during the first half of
5 amounted to £173 million, being
er by one-third than in the corre-
nding period of the previous year. It
ointed out, however, that exports of
ntial goods to liberated countries in
ope accounted for more than half the
Exports also included special consign-
ts of machinery and equipment to
sia and exports to the United States
er Reciprocal Aid, and these, together
the exports to liberated countries
tioned above, account for more than
fifth of the total exports.

orts of Chemicals

n page one of the current "Trade Ac-
nts" (H.M. Stationery Office), it is noted
"chemicals, drugs, dyes and colours"
orted during the first six months of this
were valued at £16·4 million, against
£ million during the corresponding period
he previous year. Compared with a
lar period in the year 1938 the rise was
roximately £5·3 million. Page two of
accounts, however, gives the results of
valuation at pre-war figures of exports
he first half of 1945, together with com-
able figures for preceding periods, from
ch it is noted that on this basis chemicals
slightly lower for January–June 1945
n for the six months of 1938, but higher
n in the January–June period of last
r. Nevertheless the figures for chemicals
w a remarkable steadiness not apparent in many other commodities, reflecting the great stability of the British chemical industry. Turning to such detailed figures as are available in the accounts and comparing the first six months of this year with the corresponding six months of last year, chemicals were generally exported in increased quantities. The few exceptions include quinine, quinine salts, and aluminium compounds.

The value of imports in the first half of 1945, including imports by Government Departments of goods other than munitions, amounted to £598 million, a decrease of £53 million from the corresponding figure of the previous year. There was, however, a sharp rise from £3·1 million to £23·3 million in the value of re-exports in the first half of 1945, which were £20 million higher than a year earlier, and only one-quarter less in value than the 1938 figure. The increase over last year was largely due to the shipment of relief goods to liberated countries in Europe.

Hot-water Bottle Sales

We have been informed by the British Hot Water Bottle Manufacturers' Association that rubber hot-water bottles which, during the later years of the war, were available to the public only through certain official and trade channels and on production of medical certificates, have been removed from the prohibited list and, since September 17, have been permitted to be freely sold. The goods are subject to a price control Order which specifies manufacturers' ceiling prices (see p. 239). The Order also indicates the maximum profit margins that may be added to makers' prices by wholesalers and retailers.

Although the war-time permit system is now at an end, it is recognised that certain needs must still have priority; they include sickness and expectant motherhood. Such priority requirements will be met upon production of a doctor's certificate; the requirements of hospitals will be met through the usual channels. Retailers are being asked to honour doctors' certificates when presented, but if unable to do so through lack of stock, they should forward certificates to their usual wholesalers, who will be able to obtain supplies to meet such special demands from manufacturers.

THE STORY OF THE PROTEINS—IV

UNDER the stress of war, the nation has become educated to a new conception of the value of its diet. The old assessment of "protein, carbohydrate, and fat" has given way to one of vitamins, biological values, and trace elements. In the protein field it is now widely appreciated that proteins differ considerably in their value as food, and that an adequate protein intake cannot be made by quantity alone. In order to understand this, we must consider the way in which the body utilises the proteins of the foodstuffs taken into the stomach. These proteins are first broken down to their constituent amino acids by the action of a group of proteolytic enzymes excreted in various parts of the stomach. The liberated amino acids then pass into the blood stream and are conveyed by it to all parts of the body, each tissue extracting therefrom the specific amino acids needed for replacement. Those amino acids not required are ultimately used as fuel. The important point is that the demand of the body is for certain amino acids and not simply for proteins.

Some Amino Acids Indispensable

Over a number of years it has become apparent that certain of the amino acids are indispensable, and must be included in the diet if normal growth and functions are to be carried on. Experimental proof of this has not always been easy owing to the difficulty of providing experimental animals with a suitable diet that could be guaranteed free from the amino acid under test. Attempts to feed chemically-prepared mixtures of pure amino acids were not successful because there could be no guarantee that an unknown but essential amino acid was not missing. This was actually happening before the discovery of threonine and methionine, both now known to be essential. In addition to the two mentioned, there are lysine, tryptophane, histidine, phenylalanine, leucine, iso-leucine, valine, and arginine. The biological value of any protein depends upon the extent to which these amino acids are present. In general, it may be taken that animal proteins contain a wider range of them than cereal and vegetable proteins, and are, therefore, of higher biological value. Two notable exceptions to this statement are gelatin, which is deficient in a number of the essential amino acids and has practically no food value, and glycinin, from the soya bean, which has a fair supply of all of them.

Three Classes of Proteins

For dietetic purposes, proteins a divided into three main classes. Fir class proteins, able to promote the norm growth of young animals; second-cla proteins, which are those which will mai tain life, but not allow normal growt and a third class, which are incapable maintaining life. The first-class proteins a provided by such foods as meat, mi (casein), eggs, soya, and yeast; second cla by cereals and vegetables generally; wh the third class includes gelatin and mai zein. This classification has been arrived by feeding tests carried out on young ar mals, chiefly rats, a procedure that h come in for some criticism during the rece wholemeal and white bread controvers The objection is raised that the individu tastes of the test animals may result widely different consumption rates of t protein being investigated, and the su gestion is made that in computing the r sults the amount consumed as well as tl quality must be taken into account. Ho ever, the broad distinctions given abo are firmly established and have formed tl basis of the successful war-time prote policy of the Ministry of Food.

Famine Foods

The closing stages of the war in Euro saw a rare type of feeding problem arise a fairly large scale. In the liberated cou tries, cases of acute starvation appeared, which the stomach was unable to deal wi ordinary food. These cases have been su cessfully treated by the injection into tl veins of mixed amino acids solutions. R covery and resumption of normal feeding apparently quite rapid. These prepare foods have gone under various name "protein hydrolysate," "V-food," and "I food," but all are apparently made, in th country, by acid hydrolysis of a first-cla protein such as casein. There is a report a preparation made in India and used in tl Far-Eastern war zones that is produced b the digestion of meat proteins with papai and the product appears to be much tl same in composition and therapeutic actio as the others. Although it is to be hope that the terrible situation which brougl this service into being will never arise agai it must be apparent that this technique wi have valuable applications in the field pure medicine.

A number of such applications hav already made their appearance, among ther

ing the treatment of wounds and burns. has been found that a serious depletion protein occurs following injury such as oken bones or serious burns. The result- negative nitrogen balance can be ecked by the use of high protein diets or otein hydrolysates, and commercial pre- rations for this purpose are available. me kidney and liver disorders and peptic ers have also been found to respond to same treatment.

The study of protein metabolism has de big strides in recent years, chiefly as esult of the discovery of a "new weapon." is is the heavy isotope, which has received much publicity in connexion with the mic bomb. Amino acids have been pre- red containing heavy hydrogen, nitrogen, bon or sulphur atoms, which can be detected wherever they may turn up. The progress of these atoms can be followed as they are transferred from one compound to another in the body until final rejection. In this way, it has been shown that the proteins of the body are in a constant state of breakdown and renewal, "dynamic equilibrium," and it has also been possible to prove the transmutation of one amino acid into another, e.g. phenylalanine into tyrosine.

Protein metabolism, in particular the degree to which the body is able to synthesise some of the amino acids, is still the subject of research; but this technique of following the progress of the heavy isotopes and radioactive atoms gives promise of early elucidation of many of the mysteries of the body functions.

REPORT ON SECRET I.G. FILES

E following abstracts are taken from a ort by their special correspondent in nkfort, published in the "Manchester ardian," September 12.

n spite of German efforts to disperse and e the research records and secret files I.G. Farbenindustrie a great many of se important documents have been dis- ered and are now in Allied hands. One able find in the American zone was made a salt mine near Heilbronn, where the rmans had secreted not only the records t also all the equipment of a branch of earch that was being carried out by Dr. ert Ernst, the chief physicist of the rks at Ludwigshafen (known as the Lud- shafen-Oppau Works). The records and ipment from the mine are now in erican possession, and Dr. Ernst himself t the disposal of the American authorities.

ser Liaison

Control of all I.G. Farben interests in the erican zone is vested in Colonel Edwin lsbury, who has been appointed control cer specially for this purpose. The ench have adopted a similar procedure l have appointed Commandant Castets, chief of the chemical section of the lustrial Production Division of the ench Military Government, as control cer for I.G. Farbenindustrie in the French e. A Russian delegation recently visited nkfort to discuss liaison, and on their arture they stated that they would ommend the appointment of a special trol officer for I.G. Farben interests in Russian zone. Sir Percy Mills, of the onomic Division of the British Control Council for Germany, has also discussed this question of liaison, and the appointment of an I.G. Farben control officer for the British zone is expected to be made soon.

It has not yet been possible to prepare accurate figures regarding the effect of Allied bombing on the total productive capacity of I.G. Farbenindustrie, but fairly accurate estimates have been made for some of the plants. The visual appearance of destruction is inclined to be misleading, because the plant may still be more or less intact inside destroyed buildings. A survey of the huge works at Ludwigshafen, for instance, shows that, although about 50 per cent. of the buildings have been destroyed, the amount of equipment destroyed is only about 35 per cent. It is estimated that the Ludwigshafen works could operate to about 40 per cent. of their normal capacity, but it must be pointed out that this is a theoretical figure relating to the plant and makes no allowance for the present lack of raw materials and fuel.

Variation in Damage

The Ludwigshafen works, which comprised some of the most important chemical plants in Western Germany, are in the French zone. A survey of damage to buildings in some twenty-eight of the combine's plants in the American zone shows great variations, from no damage to the big Farben pharmaceutical works at Hoechst, near Frankfort, to damage recorded as "100 per cent." at an oxygen-bottling plant in Karlsruhe. Damage of 50 per cent. is recorded for six out of the twenty-eight plants, 30 and 50 per cent. for another six.

PHARMACEUTICAL SOCIETY OF IRELAND

THE monthly meeting of the Council of the Pharmaceutical Society of Ireland was held in Dublin on September 11, Mr. C. J. Cremen (president) in the chair. Other members of the Council present were Messrs. J. K. Whelehan, N. A. McKane, M. Power, G. C. O'Neill, J. P. Kissane, P. Brooke-Kelly, M. Costelloe, T. C. Scott, W. G. Cunningham, J. Gleeson, H. P. Corrigan, F. X. Meagher, T. B. O'Sullivan, and P. Fullam.

In the event of a contest for the seven vacancies on the Council Messrs. J. Gleeson and H. P. Corrigan were appointed scrutineers of the ballot.

Added to Recommended Publications

Mr. Frank Crowley, M.P.S.I., Cork, wrote expressing his deep thanks to the Council for its appreciation of his recent publication, "Notes on Bacteriology and Vitamins." "It was most heartening," he wrote, "and makes me feel satisfied that this small but costly publication will meet with some measure of success and be of practical value to my fellow licentiates and students." THE PRESIDENT said he had received several letters expressing appreication of such a fine publication by one of their members, and on the suggestion of MR. MEAGHER it was unanimously agreed to put Mr. Crowley's book on the list of recommended publications in the Calendar of the Society.

Bottles Not Exported

The following letter was read from the Irish Glass Bottle Co., Ltd.: "Our attention has been drawn to a rumour which is going round the city to the effect that the tightness in the supply of bottles to the chemist trade is due to the fact that we are exporting our bottles to cross-Channel customers. This is contrary to the facts, as the export of bottles is under Government control, and we have not been permitted to export our goods since 1941. Moreover, you can rest assured that, in the event of our being allowed to do so, no export would be taking place, because it is obvious that the home market is and always will be our first consideration. It is quite likely that the rumour arose out of someone seeing our bottles on the quays awaiting shipment per the Clyde boat to Cork, and evidently assuming that we were exporting them. Experience has shown us that such rumours are liable to cause grave dissatisfaction among our customers, and we should be much obliged if you would kindly raise this point at the next meeting of your S so as to have it contradicted for the l of your members."

MR. WHELEHAN said he deprecat use of the expression "chemist trad the letter. Such a phrase should no been used with regard to the practic carried on as a profession.—MR. K said he agreed with Mr. Wheleha people were checked at once who r to them as a trade, and not as a prof this sort of thing would not happ often.

MR. MEAGHER said it was obviou this communication was properly o the Irish Drug Association, and n them, who were there solely to dea the professional side of things. O other hand he would be slow to l company think he was in any way sn about being in trade and engaged in keeping.—MR. WHELEHAN said he quite sure that the expression to wh objected was used inadvertently b company, and not with any intenti causing offence.

MR. KISSANE: All you want is t cate them to the fact that the che calling is a profession and not a tr MR. GLEESON said he would be in f of drawing the company's attention matter in a tactful way, and MR. F agreed that a courteous letter cou written pointing out the slip that had made.

The Council decided to send s letter.

Offer of Lecture

Mr. D. MacKenzie (Glaxo Labora Ltd.) wrote stating that Mr. A. L. Bach would be in Dublin in March 1946, he would be in a position to deliver ture to pharmacists in Dublin on peni particularly in regard to its propertie production. The lecture could be giv March 19 or 21, and he (Mr. MacK would much like to know the numbers to attend and where such a lecture be given. THE COUNCIL approved gen of the proposal and left the details discussed with Mr. MacKenzie.

Mr. John H. Gaynor (law agent), rep on recent prosecutions brought a instance of the Society against Day & Hewitt, Ltd., Dublin, and agains Seton, of the company, wrote: "These came on for hearing before district j Lennon in the Dublin district cou

st 17. A prosecution was instituted st the company under Section 17 e Amendment Act and against Mr. under Section 30 of the Pharmacy r the sale of Special Fever Drink by nqualified person. The justice found ase proved, but applied the Probation n both cases on the undertaking by efendants to pay £4 4s. costs."

sted Conferring Ceremony

following letter was received from . Tobin (correspondence secretary of Representative Council of Registered naceutical Students): "After careful eration we have come to the con- n that a conferring ceremony is neces- for our profession. We feel that it raise the dignity and prestige of the sion and bring it into line with the rsities and other professions. It also tend to bring the chemists and nts in closer touch with the Society elp to swell its membership. The ony itself need not be an elaborate in fact, a simple one could be more ed. We offer our suggestions here- which will probably require to be ed here and there:—

ceremony to take place once or twice a

edals and prizes to be presented at end .

ttendance at ceremony open to all in the ion (members, licentiates, assistants and tices) as well as near relatives (two) of nts, examiners and professors.

rtificates to be presented (or emblem in m of engraved pestle).

ecipients could be introduced by the n of the Students' Representatives d.

would welcome an opportunity of ing the whole question at any time near future"

McKane said he thought that the of a conferring ceremony by the ts was a good one.—The Presi- said he understood the matter had liscussed with the students by the esident and treasurer, and it was to leave the matter for discussion n the officers and the students' ntatives.

rship and Registration

A. Callaghan (*née* Roughan), ., wrote submitting marriage cer- and requesting change of name in ister; the application was granted. llowing who submitted certificates granted Preliminary registration: Misses A. B. D. Hayes, M. M. M. Johnston, S. K. Keane, N. M. Kelly, E. T. Murphy, J. O'Connor, B. P. O'Sullivan, N. Twomey. Messrs. P. M. Cassidy, T. G. Condon, P. Flynn, J. L. Murphy, J. T. O'Connor, L. E. O'Leary, and B. J. Smith. The following changes of address were notified: Mr. F. P. Duffy, M.P.S.I., to Main Street, Killeshandra, co. Cavan; Mr. T. Farrar, M.P.S.I., to 4 Quay Street, New Ross, co. Wexford; Mr. G. B. McCauley, M.P.S.I., to 123 N. C. Road, Dublin; Mr. M. P. McGoldrick, M.P.S.I., to Eyre Square and Williamsgate Street, Galway; Mr. G. Moriarty, M.P.S.I., to Campile, co. Wexford; Mrs. A. F. Callaghan, L.P.S.I., to 54 William Street, Limerick; Mr. A. Harmel, L.P.S.I., to 1911 Caavenga Boulevard, Hollywood, California, U.S.A.; Mr. R. A. Johnston, R.D., to Ardmore, Downshire Road, Cregagh, Belfast; and Miss W. Rhatigan, Assistant, to 119 St. Lawrence Road, Clontarf, Dublin. An application by Mr. E. J. Clancy to be restored to the register as a Registered Druggist was granted.

The Licence certificates of the following were signed and sealed: Messrs. Michael Leahy and John P. McDermott, Miss Angela Flattery, Messrs. Paul T. Butler, Jeremiah Cuddy, Patrick J. Meade, Maurice O. P. Collins, Margaret Jennings, and Daniel Slattery. Miss P. Hans and Dr. J. B. Maher were elected members of the Society. The following were nominated for membership: Messrs. J. F. Brogan, Buncrana, co. Donegal; F. P. Duffy, Killeshandra, co. Cavan; O. Lynch, Rathangan, co. Kildare; E. Power, Greystones, co. Wicklow; D. J. Hill, Kilmacthomas, co. Waterford; W. J. Magee, 11 Wellington Place, Clyde Road, Dublin; Mr. J. J. Murtagh, 36 High Street, Kilkenny, was nominated as an Associate Druggist.

Examination Honours

The Reports of the House, Law, Schools, and Certificates and Declarations Committees were submitted and approved. Arising out of the Schools Committee's report it was mentioned that two Licentiates had tied for the Society's silver medal. After discussion, the Council decided to award a medal to both candidates, and the following motion, proposed by Mr. Cunningham, seconded by Mr. Kissane, was adopted: "In view of two candidates for the silver medal receiving equal marks, the Council hereby resolves that a silver medal be awarded to each." The examiners to the Licence examination reported that, of the forty-five candidates who presented

themselves for the recent examination, ten passed, one with honours and silver medal marks. The examiners to the Assistants' examination reported that, of the fifty-four who sat, twenty passed.

THE REGISTRAR (Mr. J. J. Kerr) reported on the deaths of Messrs. M. J. Foley, M.P.S.I., J. Hughes, L.P.S.I., W. Gibson, L.P.S.I., and John McHugh, chemist and druggist. Under Section 25 the name of Mr. T. J. O'Riordan, L.P.S.I., was removed from the Register. It was reported that letters under Section 25 had been sent to Messrs. F. W. Spinks, Ph.C., E. J. Fallon, Ph.C., and R. P. McAdoo, Ph.C.

Post-graduate Courses

After a lengthy discussion in committee, the following notice of motion, proposed by THE PRESIDENT, and seconded by MR. WHELEHAN, was unanimously adopted: "That the Council approves the formation of post-graduate courses for Irish pharmacy." Details were left in the hands of the officers of the Society, who were given liberty to consult members and authorities outside the Council where they considered that necessary.

Professor J. Bayley-Butler was re-elected an examiner in botany and materia medica to the Licence examination for the year ending September 30, 1946.

At a meeting of the Benevolent Fund Committee, held following the Counc meeting, some grants were passed.

New Regulations Affecting Apprentices

The Council of the Pharmaceutic Society of Ireland draw the attention all members and licentiates to the ne regulations concerning apprentices, whic shortly become operative. Any persc passing the Matriculation or Leaving Ce tificate examination—the two recognis Preliminary examinations—after this ye will have to pass in Irish, English, Lati mathematics, chemistry and physics. Ar person who has passed either of the examin tions, as recognised now, may register wi the Society until the meeting of the Coun to be held in June 1946; after the da of that Council meeting, the passing of su examinations will no longer be accepte In 1946, any person who passes tl Matriculation or Leaving Certificate exar ination in all of the prescribed subjec except chemistry and physics, will have pass a special pre-registration examinati in chemistry and physics, to be conduct by the Pharmaceutical Society, before or she can be registered. Where chemist and physics have been passed as addition subjects, in either the Matriculation Leaving Certificate examination, it will, course, not be necessary to sit for t Society's examination in these subjects.

THE WEST OF IRELAND CHEMISTS ASSOCIATION.—Group photographed at a recent meeting held in Cla morris. *Front row, includes:* Messrs. A. Burke, Sligo; N. A. McKane, Ballina; Miss Brady, Swinford; Mrs. Murr Claremorris; Messrs. T. P. Toher, Sligo; Lyall G. Smith (president, Irish Drug Association); T. Stack, Westpo E. Kerr, Sligo; Vincent Tully, Castlerea; B. R. Smith (organiser, I.D.A.). *Back row:* Messrs. M. J. Mulreany, Slig W. J. Adamson, Ballina; C. D. Golden, Westport; C. J. Doherty, Westport; T. Cassidy, Claremorris; R. O'Farre Kiltimagh; C. Flanagan, Headfort; T. Hopkins, Roscommon; J. O'Donnell, Charlestown; M. J. Durcan, Ballir M. Curley, Ballyhaunis; A. Bourke, Castlebar; G. C. Hewson, Ballina.

TRADE REPORT

Spot quotations for pharmaceutical chemicals, crude drugs and essential oils represent the prices for wholesale quantities of standard quality. C.i.f. quotations do not include exceptional marine risk insurance and other abnormal charges payable under present conditions

28 Essex Street, W.C.2, September 19

"PLENTY of inquiry with but little business done" appears adequately to summarise the position this week in the London drug markets. Although there is a very large potential demand to be filled, it is impossible for the markets to handle many orders until the stock position becomes easier, a process that is likely to take a considerable time. Meanwhile, trade remains generally of a hand-to-mouth character, with little opportunity for other transactions in the transition period. Prices of the principal PHARMACEUTICAL CHEMICALS show no change on the week, and business in the section is of routine character, with orders amounting to little more than requirements for immediate consumption.

Crude Drugs

Actual business in CRUDE DRUGS is not important, but dealers are finding plenty to busy themselves with in answering inquiries—mostly for goods in short supply; prices are generally firm at recently reported levels. Smelters of ANTIMONY METAL are unable to produce to full capacity, owing to labour problems, but moderate supplies are available at unchanged prices. A parcel of powdered American synthetic CAMPHOR has just arrived, and will be allocated to previous buyers according to their former purchases. CHILLIES is dearer on the spot, but CLOVES and other spice products are quiet and unchanged. ERGOT is scarce, with the price of variable material tending dearer. GUM ACACIA remains firm. Prices of all varieties of HENBANE are unchanged. Cheaper offers of MENTHOL for shipment are reported from Brazil, but no licences are apparently being issued. MERCURY remains at the levels prescribed by the official order. NUTMEG is extremely difficult to find, and higher prices are ruling for available supplies. SEEDS are in good inquiry, with little actual business noted. A good demand is reported for Alexandrian SENNA PODS. It is difficult to obtain quotations for bulk quantities of TURMERIC. The prices of all varieties of WAXES are unchanged on the week.

Essential and Fixed Oils

Reports from the market in OILS indicate that there has been little activity during the week, and no price changes have been reported. The Ministry of Food announces that there will be no change in the existing prices of unrefined oils and imported edible animal fats allocated to primary wholesalers and large trade users during the eight-week period September 16 to November 10.

Exchange Rates on London

The following is a list of Bank of England fixed rates at the opening on Wednesday morning:—

Centre	Quoted	September 19
*Alexandria	Piastres to £	$97\frac{3}{8}$–$97\frac{5}{8}$
Brussels	Francs to £	$176\frac{1}{2}$–$176\frac{3}{4}$
*Chunking	Per $	$23\frac{31}{32}$–$31\frac{1}{16}$
Copenhagen	Kroner to £	19.32–19.34
Dutch West Indies ..	Florins to £	7.58–7.62
Paris	Francs to £	$199\frac{7}{8}$–$200\frac{1}{8}$
Lisbon	Escudos to £	99.80–100.20
Montreal	Dollars to £	4.43–4.47
New York	Dollars to £	$4.02\frac{1}{2}$–$4.03\frac{1}{2}$
Stockholm	Kronor to £	16.85–16.95
Zurich..	Francs to £	17.30–17.40

* Free market rates

Pharmaceutical Chemicals

ACETANILIDE.—Makers' quotations are steady at 2s. 5d. per lb. for crystals and 2s. 6d. for powder.

ALLOBARBITONE.—Makers quote at 60s. per lb.

AMPHETAMINE.—Unchanged at 150s. per lb.

ASPIRIN TABLETS.—Scales per 1,000 for bulk supplies are as follows: Under 5,000, 3s. 6d.; 5,000 and over, 3s. 4d.; 10,000, 3s. 3d.; 25,000, 3s. 1d.; 50,000, 3s.; 100,000, 2s. 11d.; 250,000, 2s 10½d.; 500,000, 2s. 10d.; 1,000,000, 2s. 9d.

BARIUM SULPHATE (*x*-RAY).—Quoted at the following rates per lb., for lots of 28 lb.–1 cwt. (containers in brackets): 1s. 5½d. (1-lb.); 1s. 4d. (4-lb.); 1s. 3d. (7-lb.); 1s. 2½d. (14-lb.); 1s. 2d. (28-lb.).

BORAX.—Current rates per ton are as follows: B.P. quality, granulated, £38; crystal, £39; powder, £39 10s. Commercial grades, £8 per ton less. Packed in one-cwt. bags, delivered, carriage paid in Great Britain in one-ton lots and upwards,

Boric acid.—Current rates per ton are as follows: B.P. quality, granulated, £60; crystal, £61; powder, £62. Commercial grades, £8 per ton less. Packed in one-cwt. bags, delivered, carriage paid in Great Britain, in one-ton lots and upwards.

Calamine, B.P.C.—Quoted at 1s. 8d. per lb. for 7-lb. lots and 1s. 6d. for 28-lb. lots.

Citrates.—Makers' prices per lb. are as follows: Potassium, in 28-lb.–1 cwt. lots (containers in brackets): 3s. 6½d. (1-lb.); 3s. 5d. (4-lb.); 3s. 4d. (7-lb.); 3s. 3½d. (14-lb.); 3s. 3d. (28-lb.); Iron and ammonium (scales), B.P., is at 2d. per lb. above, and Sodium is at 3d. per lb. below these prices. Potassium and Sodium powder, one penny per lb. extra.

Lactates.—Prices are as follows: Lactic acid.—Six-winchester lots, 3s. per lb.; smaller quantities, 3s. 1d. Calcium lactate.—Small quantities, 2s. 5d. per lb. Calcium sodium lactate.—Powder, small lots, 3s. 7d. per lb.; 14-lb., 3s. 4d.; 28 lb., 3s. 2d.; granular, one penny per lb. extra.

Methyl salicylate.—Continues in good demand at unchanged prices. Smalls, 2s. 6d. per lb.; winchesters, 2s. 1½d.; 56 lb., in demijohns, 2s.; 1 cwt., in demijohns or carboys, 1s. 11½d.; 5 cwt., 1s. 11d. All prices net.

Pilocarpine.—Makers' quote at the following rates per oz.: Base, 1 oz., 27s.; 4 oz., 21s. 3d.; 8 oz., 20s. 9d.; 25 oz., 20s. 3d. Nitrate, 1 oz., 18s. 6d.; 4 oz., 18s.; 25 oz., 17s. 6d.

Phenolphthalein.—Current rates are as follows: Less than 7 lb., 4s. 8d. per lb.; 7 lb., 4s. 7d.; 14 lb., 4s. 6d.; 28 lb., 4s. 5d.; 1 cwt., 4s. 4d.

Salicylic acid.—Quoted per lb. as follows, in lots of 28 lb.–1 cwt. (containers in brackets): 2s. 7d. (1-lb.); 2s. 5½d. (4-lb.); 2s. 4½d. (7-lb.); 2s. 4d. (14-lb.).

Terpineol.—Pure medicinal quality is available at from 3s. 3d. to 4s. per lb. for use in antiseptics of the chloroxylenol type.

Vanillin.—The agreed prices are unchanged as follows: 5 cwt., 21s. per lb.; 1 cwt., 21s. 3d.; 56 lb., 21s. 6d.; less than 56 lb., 21s. 9d. per lb.

Crude Drugs

Aloes.—Curaçao is offered on spot at 320s. per cwt.

Antimony.—Demand for the metal continues good; prices are unchanged. English minimum 99 per cent. regulus, £112 10s. per ton, delivered; 70 per cent. crude, for the home trade, £90.

Areca nuts.—Wormy material is offered by dealers at 85s. per cwt.

Balsams.—No change in *Peru* at 8s. per lb. on spot. *Canada* remains nominal at 12s.

Belladonna.—English herb continues to be quoted at 4s. 6d. per lb. Indian root, testing 0·25 per cent., would be worth 2s. 3d. per lb., if available.

Bismuth.—Demand for metal is steady; price is unchanged at 6s. 3d. per lb. for minimum 5-cwt. lots.

Buchu leaves.—Limited quantities are valued at 5s. 3d. per lb. on spot.

Camphor.—A parcel of powdered American synthetic has recently arrived, and will be allocated to buyers on the basis of former purchases.

Cardamoms.—Slow and unchanged. Aleppy greens, spot, 5s. 6d. per lb.; Aleppy seed, 6s. 3d.

Cascarilla quills.—A parcel due shortly will be offered at 3s. 3d. to 3s. 6d. per lb.

Chaulmoogra.—*Hydnocarpus*, spot, 2s. per lb., in tins in cases.

Chillies.—Mombasa, dearer on spot at 110s. per cwt.

Cinnamon chips.—Spot quotations are steady at 2s. 2d. per lb., ex store London.

Cloves.—Market continues quiet and unchanged. Zanzibar, spot, 1s. 5½d. per lb.; to arrive, 10½d., c.i.f.

Cochineal.—Silvers continue to be quoted on spot at 5s. 9d. per lb.

Cocoa butter.—Maximum official price is 1s. 5½d. per lb., except for sales under licence.

Colocynth.—Fair white may be obtained on spot at 2s. 6d. per lb.

Digitalis leaves.—Demand is quiet; prices unchanged. Portuguese, spot, 140s. per cwt.; English, 2s. 6d. per lb.

Ergot.—Scarce. Any available spot supplies of fair-quality material would fetch 6s. 6d. per lb.

Ginger.—West African, spot, 85s. per cwt.

Gum acacia.—Firm conditions obtain. Kordofan cleaned sorts, spot, 70s. per cwt.; bleached, 175s.; Talha, cleaned, 47s. 6d.

Henbane.—Prices of all available varieties are unchanged. Indian, spot, 250s. per cwt.; Egyptian (*muticus*), 85s.; Russian, 325s.

Jalap.—Dealers offer 12 per cent. at 4s. 6d. per lb., and 10·1 per cent. at 3s.

Kamala.—Material testing 6 per cent. would be worth 2s. 6d. per lb.

Liquorice root.—Turkish, afloat, 85s. per cwt., landed; shipment, 75s.

Male fern root.—Spot price of Indian is steady at 77s. 6d. per cwt.

Menthol.—Brazilian, spot, 77s. to 82s. 6d. per lb.

Mercury.—Official quotations range from £68 10s. to £69 15s. per flask, according to conditions and quality, with higher prices for smaller lots and redistilled grades.

Myrrh.—Good Aden sorts would be worth £18 per cwt. on spot.

Nutmegs.—Difficult to find, with prices between 3s. 5d. to 3s. 9d. per lb.

Pepper.—Whole, not picked over or cleaned, on sale to processors, is officially priced at 1s. 4d. per lb. for white and 1s. per lb. for black.

Pimento.—Spot sellers continue to offer at 1s. 3½d. per lb.

QUASSIA CHIPS.—Spot offered at 38s. per cwt., ex store U.K.

QUILLAIA BARK.—Spot, natural, 90s. per cwt.; cut, 110s.

SEEDS.—Plenty of inquiry, but little business passing. Current rates are as follows: CORIANDER.—Indian, none available, price nominal at 92s. 6d. per cwt.; Russian, fair amount here, but demand small, price 92s. 6d.; English, limited stocks, price 90s. to 95s. per cwt. CUMIN.—Maltese, 120s., sellers; Indian, same. DILL.—London, 85s.; Liverpool, 80s. FENNEL.—Supplies exhausted, nominal. FENUGREEK.—London, 75s.; Hull, 70s.

SENNA.—Alexandrian home-picked pods are in good demand; price nominal at 4s. per lb. Good manufacturing Alexandrian pods, 2s. per lb.

STROPHANTHUS SEED.—100 per cent. Kombé, spot, 7s. 6d. per lb.

TRAGACANTH.—Medium grades are quoted as follows: No. 1, white, £130 per cwt.; No. 2, white, £115; No. 3, white, £100; No. 4, white, £85; pale leaf, £60; amber leaf, £50; dark amber, £35; brown leaf, £25; red-and-brown leaf, £20; red leaf, from £17; hoggy, £12 to £15.

TURMERIC.—Quotations for bulk quantities are difficult to obtain; good-coloured fine powder may be had at 105s. to 110s. per cwt.

WAXES.—BEES'.—Prices of crude for the home trade were given in the *C. & D.*, June 2, p. 570. CANDELILLA.—Spot, 242s. 6d. CARNAUBA.—Fatty grey, spot, 510s.; chalky grey, spot, 495s.; prime yellow, spot, 600s.; medium yellow, 590s. OURICURI.—Spot, 320s. to 350s., according to quality; shipment, 285s., c.i.f.

Essential and Expressed Oils

CASTOR.—Official prices for bulk supplies are as follows: "Firsts," £82 per ton; "seconds," £80, both prices naked ex works.

CLOVE.—English distilled is quoted at 12s. 6d. to 13s. per lb., according to quantity.

COTTONSEED.—Controlled prices for bulk supplies are as follows; Crude, £52 2s. 6d.: washed, £55 5s.; refined edible, £57; refined deodorised, £58 per ton; all varieties are quoted naked ex works.

NUTMEG.—Supplies are meagre; price from 55s. to 60s. per lb.

OLIVE (EDIBLE).—The price charged to the wholesaler by the importers is 25s. 9d. per gallon, ex store. Prices charged by wholesalers to retailers are agreed by the Ministry of Food as follows: 33s. 6d. per gallon, in 1-gallon loan cans; 34s. 3d. per gallon, in ½-gallon loan cans; 35s. per gallon, in 1-quart loan cans; 36s. per gallon, in 1-pint loan cans.

Problem Solution.—The solution to the problem in THE CHEMIST AND DRUGGIST, September 15 (p. 279), is as follows:—

℞ Hyd. ox. rubrum ..	..	gr. 20
Zinc. ox.	..	gr. 20
Paraffin molle ..	ad	℥i p.a.a.

MISCELLANEOUS INQUIRIES

Wife in Husband's Employ.—*J. C.*—A wife in the employ of her husband does not come within the scope of either National Health or Unemployment Insurances.

Borneo Tallow.—*L. B. E.*—The name Borneo tallow is given to a hard fat obtained from the seeds of various species of the Dipterocarpaceæ, especially *Shorea stenoptera*, grown in the East Indies. It closely resembles oil of theobroma.

Destruction of Rats.—*C.T.M.*—There are four poisons recommended by the Ministry of Food:—

1. Zinc phosphide: A black powder, used at a concentration of 5 per cent. by weight in all baits.
2. Arsenious oxide ("arsenic"): A fine white powder to which a little blue or red dye is added to conform with safety laws. Used at 10 per cent. by weight in sausage rusk or bread mash; at 15 per cent. in sugar meal.
3. Red squill powder: A coarse red powder having the advantage of being practically harmless to animals other than rodents. Used at 10 per cent. by weight in moist baits only.
4. Barium carbonate: A white powder used at 20 per cent. by weight, in bread mash.

It is important first to ascertain the size and complete distribution of rat colonies before control operations begin. The campaign should be organised simultaneously at all infested points, otherwise it is difficult to get rid of the final remnants. Baiting with the non-poisonous bait-base is necessary to attract the rats. These bait bases are:—

1. Moist bait: (*a*) Sausage rusk is a dry coarse powder, obtainable from butchers. It is mixed with an equal weight of water to form a crumbly moist bait.
   (*b*) Bread mash: One part of really dry bread makes with water (1 or 2 parts) a porridge-like mash.
2. Dry bait: This is national flour mixed with 10 per cent. by weight of castor sugar.

The plain bait base (moist sausage rusk) is placed in all occupied holes or other places on the first and third days, and on the fifth day one or two dessertspoonfuls of the bait base mixed with the poison. If the first treatment does not kill all the rats they should be pre-baited with one of the bait bases followed by one of the other poisons. If any survivors are left a third base and a third poison should be used. In all cases an interval of a fortnight should lapse between the various poisons. It is, of course, of great importance to see that children and cats and dogs are kept in safe places away from the poison.

CORRESPONDENCE

Black Record

SIR,—"Xrayser" (*C. & D.*, September 8, p. 239) gave some revealing figures relating to opium poisoning. They may help to reconcile the harassed pharmacist to the irksome minutiæ of D.D. records. The only other poison with anything like so high a total was arsenic. In the period 1852–56, accidental deaths from this group ranged between 123 and 163. The latter figure, so far as the tables show, was the highest known: incidentally, it does not bear out the statement of Taylor, in 1875, that nearly two-thirds of the deaths from poisoning were due to morphine, as, adding the figure for suicides, the number for the year alluded to (1856) was 200, whereas the total for all poisonings was 457. From that date, there was a gradual decline, varied only by slight exceptions; by 1886, the accidental deaths from this cause had fallen to eighty-two, and by 1906, to seventy-three.

Yours faithfully,
A. S. N. O'THREE.

Pharmaceutical Man-power

SIR,—It appears from your editorial "Bleak Prospect" (*C. & D.*, August 18, p. 171) that the Ministry of Labour will not be told now, and has not troubled to learn from past indications, how acute is the position of the civilian health service in its pharmaceutical aspects, particularly in suburban and semi-rural areas. Figures of man-power may be misleading, and area requirements and distances to the nearest pharmacy offer a more fruitful study. During the war, pharmacists everywhere will admit that their elderly and in many instances retired colleagues have rendered yeoman service. May I suggest that the Pharmaceutical Society's Council should recognise this by making them life members? Meanwhile local branches should press for Class A demobilisation for all pharmacists who have done any war service, particularly abroad. If every one of the local pharmaceutical organisations (branches of the Society and National Pharmaceutical Union and Associations) did something in the matter, I feel sure the result would be effective. With the prospects of a hard winter for 1945–46, the various Government departments responsible for our welfare should be made to sit up and take more than mere notice.

Yours faithfully,
Bath. ALFRED J. J. STOCKTON.

TRADE MARKS

(*From "The Trade Marks Journal," September* 5)

"DETTOCIDE"; for veterinary preparations sanitary substances, insecticides and weed killers (5). By Reckitt & Colman, Ltd. Kingston Works, Dansom Lane, Hull Yorks. 634,885 (Associated).

"LIS-BETH"; for pharmaceutical preparations (5). By C. Boyd, 332 Donegall Road Belfast. 634,942.

"BENADON" and "REDOCAL"; for pharmaceutical substances for human and veterinary use, and for infants' and invalids' foods (5). By Roche Products, Ltd., 40 Broadwater Road, Welwyn Garden City, Herts. 634,942. 634,973 (Associated).

(*From "The Trade Marks Journal," September* 12)

"20 MULE TEAM BRAND" under picture of same; for chemical substances for preserving foodstuffs (1). By Borax Consolidated, Ltd., Regis House, King William Street, London, E.C.4. 634,923.

"BREATHLESS"; for perfumery, cosmetic preparations and non-medicated toilet preparations (3). By Columbia Products Co., Ltd., 1 Dukes Avenue, Chiswick, London, W.4. B634,770.

"MATTISE"; for perfumery, non-medicated toilet preparations and cosmetics (3). By J. C. & J. Field, Ltd., Cardiff House, 22 Parkside, Wimbledon Common, London, S.W.19. 634,986.

"MARY LAYTON" facsimile signature; for non-medicated toilet preparations, cosmetics, hair lotions, soaps, perfumery, dentrifices, and polishing preparations (3). By Mary T. Layton, 8 Hillcroft Crescent, Wembley, Middlesex. 634,796.

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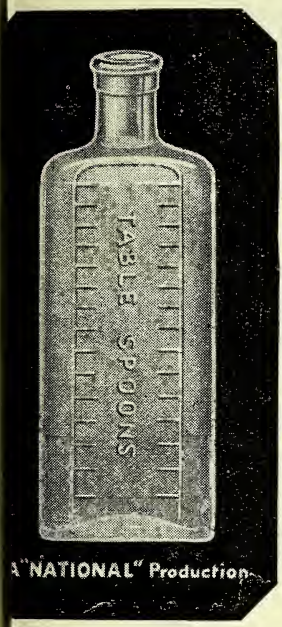

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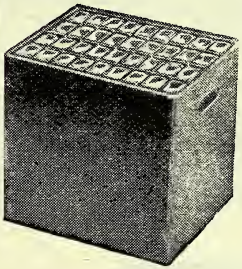

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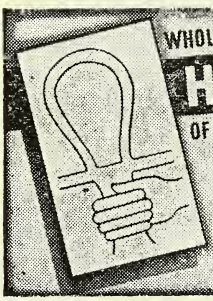

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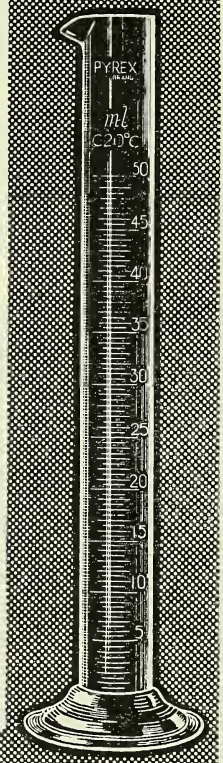

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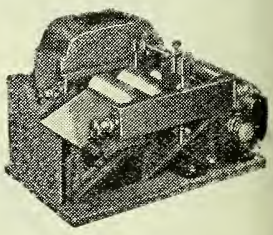

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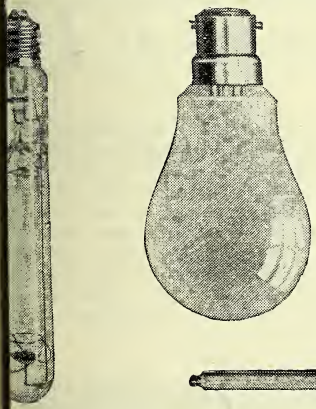

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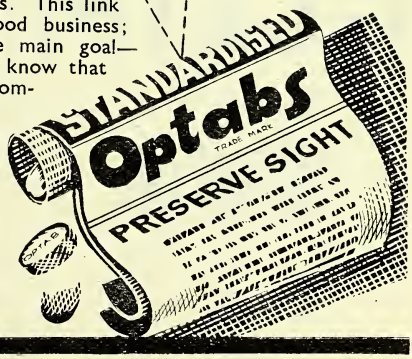

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QUALIFIED Pharmacist Manager (male or female) urgently required by old-established family chemists; North-west Lancashire coast town; varied work; good wages. Apply, stating age, experience, and salary required, to 626/549, C. & D. London Office.

QUALIFIED or unqualified Assistant required September. Apply with references and salary required. Arthur J. Sheffield, Ltd., 64 Fore Street, Hertford.

ROYAL ARSENAL CO-OPERATIVE CHEMISTS, LTD., invite applications from qualified pharmacists for the position of Manager; unqualified Assistants also required; good prospects and holidays with pay. Apply, in writing, stating age, experience, and salary required, to the Superintendent Chemist, Royal Arsenal Co-operative Chemists, Ltd., 113 Powis Street, Woolwich, S.E.18.

S.E. LONDON. Qualified Assistant wanted; lady preferred—part time may suit. Easy post, live in or out. Partnership with view to succession considered. Full particulars to 626/544, C. & D. London Office.

UNQUALIFIED male Assistant required; permanent post; no Sunday or Saturday afternoon duty. Apply, with full particulars as to experience, age, and salary required, Mottershead & Co., (Estd. 1790), Ltd., 7 Exchange Street, Manchester, 2.

WANTED, qualified Chemist, temporary position. Not liable for H.M. Forces or National Service. Applications stating age, experience, and wage required to be sent to the West Stanley Co-operative Society, Ltd., Front Street, Stanley, co. Durham.

WANTED urgently, Fully-qualified Lady or Gentleman to take charge of Dispensing, etc. Full particulars from D. H. Bockham (Chemists), Ltd., Gt. Shelford, near Cambridge.

WELWYN GARDEN CITY. Pharmacist wanted as Buyer and Superintendent for dispensaries of Welwyn Stores (1929), Ltd. Please apply, stating age, qualifications, experience, and salary required, to Staff Manager, Welwyn Stores (1929), Ltd., Welwyn Garden City.

WHOLESALE

AGENTS required to introduce new advertised products to wholesale and retail chemists, stores, etc.; vacancies in all parts except South Wales and London. 624/507, C. & D. London Office.

AGENTS well introduced amongst Chemists, Druggists, Hairdressers and Perfumers requi by firm of repute making Perfumery Compounds and Essential Oils for these trades. Good commission paid. Write, giving full particulars, to 627/579, C. & D. London Office.

APPLICATIONS are invited for the appiontment of Chief Chemist to an important Company engaged in the manufacture of Cosmetics and Toilet Preparations; the appointment will be highly remunerative to the successful applicant, who should be not more than 40 years of age and have had practical experience in this type of business; the advertiser's staff have been advised of this advertisement. Applications, giving full details, should be addressed to 626/555, C. & D. London Office.

ASSISTANT in Secretary's office of large Wholesale Company. Write, stating experience, age, sex, salary, etc., to K.P., c/o J. W. Vickers & Co., Ltd., 7–8 Great Winchester Street, E.C.2.

ASSISTANT Works Chemist. Excellent opportunity for a man, age 35–45, with sound and progressive firm of manufacturing chemists; only applicants with first-class experience of manufacturing pharmaceutical preparations, able to control raw materials and pass the finished product, need apply; a good salary with prospects is offered to a methodical man capable of controlling staff; written applications, which will be treated in strict confidence, must give full details of previous experience, salarics earned, and age. 624/489, C. & D. London Office.

COUNTER Hand (man or woman), with some experience of Drugs, required by leading London house; good wages and good hours. Reply, with the usual particulars and wages required, to 626/553, C. & D. London Office.

EXPORT Senior Sales Correspondent and Assistant required by progressive City firm of Distributors and Manufacturers of Chemicals and Pharmaceutical Products. Sound knowledge of Middle East and Indian markets and Export procedure essential. Applications invited from ex-Service men and others, stating age, salary required, languages, and date when free, to Retco (Reciprocal Trading Corporation), Ltd., Chemicals and Pharmaceutical Dept., 117 Fenchurch Street, London, E.C.3.

FREE-LANCE Agents required who are regularly calling on cosmeticians, perfumiers, wholesale hairdressers, sundriesmen, chemists, etc.; in fact, anyone making perfumery, cosmetics, and allied products in London area, south of the Thames; line to be carried is a first-rate range of Perfume Compounds with a reputation behind them; excellent commission on a genuine article, which, with a little work, is bound to prove a very remunerative sideline. Write, Box 156, c/o Pool's Aldwych House, London, W.C.2.

LONDON Area Representatives (2) required by leading City firm acting as Distributors and Manufacturers of important Pharmaceutical Products and Bulk Chemicals. Chemists' and Merchants' connexions essential, and some knowledge of Public Health sales propaganda desirable. Age limit 30–45 qualified or unqualified, preferably from ex-Service men. Salary, commission, and expenses. Write only to Retco (Reciprocal Trading Corporation), Ltd., Chemicals and Pharmaceutical Dept., 117 Fenchurch Street, London, E.C.3.

MANAGER required for Essential Oil firm to devclop trade; trade experience essential. Apply, with references, to 626/545, C. & D. London Office.

MANAGER required by firm of wholesalers of Chemists' Sundries for Manchester office; salary and commission. Please reply to Box 626/560, C. & D. London Office.

MAY & BAKER, LTD., Dagenham, require a young Medical Copy-writer for their Indian organisation in Bombay; the appointment would be on a 3-year contract basis and would carry an annual salary of £750; previous experience of medical copywriting, and a knowledge of pharmaceutical and chemical advertising, is necessary. Apply, Personnel Officer, May & Baker, Ltd., Dagenham, Essex.

OLD-ESTABLISHED London firm, Pharmac tical Chemists (Wholesale only) requ Representative for Scotland. Applicants should between the ages of 30 to 40. Write stating experience and salary required to 626/542, C. & London Office.

OLD-ESTABLISHED firm of manufacturers fine and pharmaceutical chemicals have vacancy for an Assistant General Manager; cont of manufacture is not included in the work entail salary (about £1,000) according to experience of trade and general qualifications. Write, 626/5 C. & D. London Office.

PHARMACIST, young, qualified, either sex, take charge of small factory producing pharr ceuticals and cosmetics, female staff. London ar Excellent opportunity for person with initiati drive, and some wholesale experience. 626/5 C. & D. London Office.

PHARMACIST required for Manufacturing Ph macy Laboratory; able to supervise small st and undertake analytical control of galenicals. F particulars by letter, and salary required, to St Manager, 35 Charlotte Road, London, E.C.2.

POTTER & CLARKE, LTD., require Pharmaci to control production of galenicals and ph maceutical products; salary according to ma facturing experience; minimum £375. Write first instance, giving full particulars of experien to Works Manager, Potter & Clarke, Ltd., Fa clough Street, London, E.1.

PROCESS Worker (male) wanted for Drug a Galenical Laboratory. State age, experien reference, and salary required to Messrs. Newsholm Ltd., 27 High Street, Sheffield.

QUALIFIED man wanted to take charge of war house in small Southern provincial house; mu have a comprehensive knowledge of the trade, i cluding ethical specialities and D.D.A.; also abili to control staff of 20; salary, £9 per week. Plea give full particulars, in confidence, to 626/558, C. & London Office.

SAVORY & MOORE, LTD., require qualified a unqualified men and Process Workers f galenical manufacture at their factory at Tottenha Details of experience and salary to the Manag Standard Works, Lawrence Road, N.15.

SUPERVISOR required to take charge of filli and packing medicinal products. Please rep giving full particulars including experience to Savo & Moore, Ltd., Standard Works, Lawrence Roa Tottenham, N.15.

TRAVELLERS required all territories specialisi chemist, fancy goods, smart lines; good sale Apply, Box 194, c/o Crossley & Co., Ltd., 5 Racqu Court, Fleet Street, E.C.4.

VACANCIES now exist in well-established Con pany engaged in the manufacture of organ chemicals or chemotherapeutic nature; the labor tories are situated in Central London area; t following grades are required: (1) Qualified Chemist B.Sc., standard, industrial experience in organ manipulation an advantage, but not essential; G Assistant Chemists, Inter. B.Sc., standard. Box 21 New Era Advertising, 107 Fleet Street, E.C.4.

WOMAN Supervisor required to control staff some 40 girls in factory of well-known firm o South Coast; experience of packing tablets and pil an advantage, also packed pharmaceutical specia ities; permanency; good salary to suitable applican Full details of experience, etc., stating age, t 626/548, C. & D. London Office.

YOUNG ex-Service Pharmaceutical Chemist o B.Pharm., as understudy to Director in charg of manufacture. Qualification essential. Salary £35 Reply to Managing Director, John Bell, Hills Lucas, Ltd., Oxford Works, Worsley Bridge Road London, S.E.26.

WHOLESALE (COLONIAL)

AUSTRALIAN manufacturer requires experienced Working Manager for Tablet Department; ex cellent prospects; passage paid; contract arranged 626/552, C. & D. London Office.

NALYTICAL Chemist, qualified, required as Assistant in Assay Office by British-owned lway in South America. Write, stating qualifica- s and salary required, "K.S.", c/o J. W. Vickers o., Ltd., 7–8 Great Winchester Street, E.C.2.

SITUATIONS WANTED

/6 for 18 words or less, 1d. for every additional word.

RETAIL (HOME)

SSISTANT, disengaged October 1, L.P.S.I., counter dispensing, good experience. Chemist, fold House, The Walks North, Huntingdon, ts.

HEMIST. Lady requires post, Dispensing only; with unfurnished accommodation; hospital, ensary, or retail; excellent testimonials; Mid- s preferred. 626/563, C. & D. London Office.

.P.S., experienced all branches, desires posi- tion as Manager; disengaged four ks from engagement. M.P.S., 626/559, C. & D. don Office.

HARMACIST Manager (36) seeks position; Mid- land area; good experience; interview desired; details in confidence. 626/568, C. & D. London e.

UALIFIED 30 years, nine years' managerial ex- perience, desires Managership; London or pro- ial. 626/564, C. & D. London Office.

WHOLESALE

TIVE Traveller, free from National Service. Excellent references; good salesman (Southern ties); C.F. goods preferred. Beck, 54 Davis d, London, W.3.

FIRST-CLASS Medical Representative, excel- lent connexion; Lancs, Cheshire, North Wales. seeks appointment with reputable house. 529, C. & D. London Office.

XPERIENCED lady Medical Representative, with good knowledge of physiology and especi- endocrine function, desires appointment with ratory manufacturing hormones, etc.; excellent acts with consultants, doctors, hospitals, and ists. 626/550, C. & D. London Office.

NERGETIC Representative with excellent up-to- date chemists' connexion, London and Home ties (north of Thames), seeks permanent appoint- t with reputable firm who will appreciate hard k, good representation and really first-class sales es. Free now. Stewart, Fourteen, Portsdown, ware, Middlesex.

HARMACEUTICAL Chemist, F.R.I.C., with wide knowledge of analytical control and formulation nedicinal preparations, seeks position with a table firm. Conversant with the most modern ds in medicine and pharmacy. 626/557, C. & D. don Office.

EPRESENTATIVE with active connexions amongst chemists, hairdressers, stores and ps. in Lancashire, Cheshire, N. Wales, West- land and Cumberland, desires good reputable ncies for toilet requisites, brushware and sundries. owner. 626/572, C. & D. London Office.

RAVELLER, first-class connexion chemists, stores, etc., seeks Representation Yorks, co. ham; house or repute known lines; large turn- in cosmetics; mushroom firms need not write; ry-commission expenses basis. Write, 624/481, D. London Office.

PARTNERSHIPS

XPERIENCED Perfume Compounder and Cos- metician requires partner, gentleman willing invest £800–£1,000 in newly-established firm, ialising in export trade. 626/547, C. & D. don Office.

UALIFIED Chemist wanted as Partner for good shop in E. London. For details write 627/576, D. London Office.

APPOINTMENTS

ASSISTANT Pharmacist, or Dispenser with Hall qualification and some experience in hospital dispensing, wanted for the West Suffolk General Hospital, Bury St. Edmunds. Apply, with copies of references, to the Secretary.

CHERRY KNOWLE E.M.S. HOSPITAL

RYHOPE, CO. DURHAM

Applications are invited for the post of Assistant Dispenser—Apothecary Hall qualifications, commencing salary £145 per annum, advancing after twelve months' satisfactory service to £155 per annum, plus residential emoluments (or appropriate allowance) and cost-of-living bonus. Applications, giving age, education, and full particulars of experience, with copies of testimonials, to the Town Clerk, Sunderland, by October 6, 1945.

LONDON COUNTY COUNCIL

Required at the Technical Institute for the Distributive Trades, Charing Cross Road, W.C.2, on Mondays or Tuesdays, 2–4 p.m., a part-time teacher of display of pharmaceutical goods and toilet requisites, fee 21s.

Applications should be sent to the Acting Principal.

PHARMACIST (whole-time) (man or woman) required by London County Council at the Manor (for mental defectives), Epsom, Surrey. Must possess Pharmaceutical Society's qualification. Salary £275 rising to £325 a year plus temporary cost-of-living addition (at present £60 a year, man, £48 a year, woman). Pensionable. Application form obtainable from Medical Officer of Health (B), Mental Health Services, West Park Hospital, Epsom, Surrey. Persons on coming within the scope of Control of Engagement Order, 1945, may apply for this position.

REDHILL COUNTY HOSPITAL

EARLSWOOD COMMON, REDHILL

ST. LUKE'S HOSPITAL, GUILDFORD

ASSISTANT PHARMACIST, Temporary. Must be M.P.S. or Ph.C. Salary grade £250 × £10 —£300 p.a., plus war bonus 23s. p.w. male, 18s. 6d. p.w. female. Apply to MEDICAL SUPERINTENDENT.

BUSINESSES WANTED

7/6 for 40 words or less, 2d. for every additional word

DISTRIBUTOR Firm would be interested to buy controlling interest or small factory of manufacturing chemists near London. Food Licence would be an advantage. Offers to 626/551, C. & D. London Office.

WANTED to purchase for cash well-established Pharmacy and Property (if available and in good condition) in non-industrial area in North-east or Eastern England. Modern living accommodation required. Garden and garage desired or good outbuildings. Will vendor considering sale now or in near future give particulars in confidence to private pharmacist. All communications acknowledged. 625/541, C. & D. London Office.

PREMISES FOR SALE

£395 FREEHOLD. Small factory (former garage), licensed for industrial alcohol and for the manufacture of disinfectants, deodorants, liquid shampoo, liquid soap, also osonators, etc., approved by the Customs formulæ in the Clapham area, London; small space of ground, 125 ft. by 10 ft. partly covered and cemented; suitable for a manufacturing chemist or a person to become a manufacturer. Write, Chemist, 52 Culverden Road, London, S.W.12.

MISCELLANEOUS SALES

12/6 for 60 words or less, 1/- each additional 10 words or less

A QUANTITY of clear Cellophane Packets, best quality, 3½ × 3½ for disposal, £2 per 1,000. Samples 6d. Goddard's Chemicals, 122 Eyre Court, St. John's Wood, N.W.8.

OFFERS required for 50,000 block bottom Film Bags; mixed colours, 2½″ × 3⅜″. Write, Box 294, c/o Mitchells, Ltd., 1 Snow Hill, London, E.C.1.

SCALES, Dispensing. Drawn brass beam, knife edge on steel, agate bearings, nickel-finish, box polished walnut, two drawers, stainless steel top, stainless steel weights, pan, £5 10s.; personal weights very sensitive, constructed of metal, fitted with vibrating steel yard, sliding poise without loose weights, weights to 24 stone by 1 oz.; also Basket for weighing babies and coin box, £10 10s. 626/565, C. & D. London Office.

24 BENZALDEHYDE, 1-lb. bottles; 6 doz. Petroleum Emulsion, 8 oz. (packed by Stemco); 25,000 Aspirin Tablets, 5 gr.; 56 lb. Paraffin Dur. B.P. Wright's, Chemists, Carrickfergus, N. Ireland.

350 GRAMMES absolute essence Jasmin. 250 grammes essential oil Lavender, sealed as from manufacturer. What offers? R. Reddin, 10 Sackville Street (top flat), W.1.

22 MM. PLASTIC CAPS FOR BOTTLES. Advertisers have considerable quantity of reconditioned Black and White assorted Plastic Caps for disposal. In first-class condition and look as good as new. Also various sizes in second-hand Cardboard Cartons and Boxes available. Send for particulars in first instance to 627/578, C. & D. London Office.

EXPORT TRADE

CZECHOSLOVAKIA. Mr. Joseph Marek, of 13b Warrington Crescent, W.9 (formerly 3 Clifton Gardens) asks for a little more patience from his contracting British firms until the transport and currency difficulties in his country are removed. One of his collaborators is permanently on the spot closely following all developments. Mr. Marek invites correspondence from firms (pharmaceutical and subsidiary branches) interested in Czechoslovak markets.

SOUTH AFRICA. One of our clients, large importers of Toilet Requisites, Rubber Goods, Novelties, and lines suitable for the chemist's trade, will be in London in November. Firms offering suitable goods, please contact now. Fowlie, Reid & Wills, Ltd., 25–35 City Road, London, E.C.1.

WANTED

7/6 for 36 words or less, 2d. for every additional word.

ANY quantity of Saccharin Powder, Phenacetin, Aspirin, Extract of Malt (in 1-cwt. drums), wanted. Surplus Stocks of Chemicals and Drugs bought. 626/574, C. & D. London Office.

BOTTLES and Jars, 2 or 3-dram. square, with or without caps; also required Tablet Bottles and 1, 2, 4, and 6-oz. Medicals; ½-oz., 1-oz., and 2-oz. Jars; cash payment; send samples and prices. Wizard Products, 57–8 Wells Street, London, W.1., Museum: 5119.

NESTS of Seedsmen's or Chemists' Drawers wanted. Offers to Sowerbutts, Ltd., Ashton-under-Lyne.

ROUGE Plaques urgently required. Will any manufacturer with the facilities for making rouge plaques from proprietors' materials and godets measuring 30 mm. × 3 mm. with a weight of 50 grains, please write immediately to CDB/430 C. & D. London Office.

WANTED, Automatic Powder Weighing Machine, double nozzle preferred, to weigh up to 8 grains. Bell & Sons, Ltd., Veterinary Chemists, Silverdale Works, Liverpool, 13.

WANTED, Mixer and Granulator to take f to 80 lb., not Werner type; also Osc Granulator. Full particulars and price to 271 Wakefield Road, Huddersfield.

10-OZ. and 16-oz. Amber or Green-screw o mouth Bottles wanted; any quantity; be clean. Offers to 626/561, C. & D. London

26-OZ. and 13-oz. Wine or Champagne required. 625/524, C. & D. London O

BUSINESSES FOR DISPOS

7/6 for 40 words or less, 2d. for every additional

FOR Sale as a going concern an old-establish thoroughly equipped small manufacturin ness making anæsthetic solutions, tablets, etc. stock and premises. 626/562, C. & D. London

LANCASHIRE industrial town. Very old lished business in main road position. T £2,500. Good N.H.I., optical connexion, very tive high net profit. Terms, fixtures, fitting stock at valuation, plus small agreed sum for go bargain, excellent reasons for sale. 626/575, C London Office.

AGENCIES

7/6 for 36 words or less, 2d. for every additional

EXPERIENCED Commercial Travellers w represent English manufacturers in Conti countries with re-established parcel post. Comm basis. Write J. Hecht, 62 Bramber Road, W.1

FIRM of Agents calling on Manufacturing Ch can now undertake additional representa Only interested in carrying lines where bulk can be effected. Greater London and South covered. 627/577, C. & D. London Office.

GENTLEMAN, with thoroughly organised A of long standing, large influential con Belfast and all Northern Ireland, Wholesal Retail Chemists and allied trades representing le Manufacturers, wishes non-clashable line, goo vice given for worth-while product, selling a buying Agency. Highest references including 626/569, C. & D. London Office.

SCOTLAND. Established Agent; Glasgow O open to accept one additional line (sole Ag First-class connexion with all leading Che Retail and Wholesale, Sundriesmen, Hairdre and Stores. Reputable firms only enterta 626/567, C. & D. London Office.

AGENCIES wanted, West of England, Cor Devon, South Wales. Full particulars, p to 622/421, C. & D. London Office.

BUSINESS OPPORTUNITI

7/6 for 40 words or less, 2d. for every additional w

AN excellent prospect to qualified, demobbe discharged Service man or woman, to ma Branch Pharmacy on partnership basis or succe (London area); early appointment desirable to cuss details. 625/527, C. & D. London Office.

MANUFACTURING Chemists would under Manufacture and/or Packing of Pharmaceu and Toilet Preparations, Creams and Liquid tubes, bottles or jars. 626/566, C. & D. London O

MANUFACTURERS of super Dry Cleaner, by leading chemists and stores in 1s. an bottles, require first-class distributing house extend Sales. Write Managing Director, 1 Sta Place, London, N.W.1.

PROGRESSIVE Yorkshire Wholesale H registered for Purchase Tax, with central of and showrooms and calling on the best st chemists and hairdressers, would like to con manufacturers of suitable lines. Samples if poss Pride Products, 10 Park Square East, Leeds, 1.

Printed by THE PITMAN PRESS, Lower Bristol Road, Bath, and Published by the Proprietors, MORGAN BROTHERS (PUBLISHERS), LIMITED, at 28 Essex Street, Strand, London, W.C.2

[47/25

M&B

A NEW 'SERVICE' FOR OUR SCOTTISH PHARMACEUTICAL FRIENDS . . . . now becomes possible by the opening of our Scottish Office on October 1st, 1945 . . . .

. . . . We have felt for some time that our location at Dagenham, remote from so many trade friends and hospital pharmacists in Scotland, has at times presented difficulties in the rapid exchange of information on our Medical Products and Fine Chemicals . . . .

. . . . From 19 Newton Place, Glasgow, C.1, we are now able to provide a valuable link with our main laboratories and administrative offices at Dagenham . . . .

. . . . We cordially invite all our Scottish pharmaceutical friends to make full and frequent use of this new "Service Link" which is in daily touch with Dagenham.

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19 NEWTON PLACE, GLASGOW, C.1

MAY & BAKER LTD., DAGENHAM

PHARMACEUTICAL SPECIALITIES (MAY & BAKER) LTD.

PLANET BRAND

Felsol REGD POWDERS for ASTHMA

An Explanation . . . and Apology

War-time shortages of materials have recently caused delays in our deliveries and have forced upon us the necessity of confining the supply of the large size exclusively to requirements for Physicians' private prescriptions, Hospital and N.H.I. dispensing purposes.

FELSOL is not discontinued, the 2/10 size remains available, but this too must, for the time being, at least, be regarded as in short supply.

Gratefully acknowledging the co-operation of our many Pharmaceutical Friends, we apologise for any inconvenience these temporarily enforced conditions, beyond our control, may impose and give the assurance that every effort is made to ensure the fairest possible distribution by executing all orders in strict rotation.

BRITISH FELSOL COMPANY LTD
WIGTON HOUSE, 206-212 ST. JOHN STREET, CLERKENWELL, LONDON, E.C.1.
Telephone, CLErkenwell, 5862 Cables, Felsol, Smith, London.

Printed by The Pitman Press, Lower Bristol Road, Bath, and Published by the Proprietors, Morgan Brothers (Publishers), Limited, at 28 Essex Street, Strand, London, W.C.2